1200

LIMA LOCOMOTIVE WORKS
INCORPORATED

LIMA, OHIO, U. S. A.

Direct Locomotive
CARD INDEX

THE REPUBLIC OF POLAND Railroad

Type 2-10-0 R. R. Class TY-246 Road Nos. 81-100

Road Service FREIGHT Order Received 12-9-46

DRAWING ROOM

NUMBER OF ENGINES	CONSTRUCTION ORDER	SHOP NUMBERS	DATE INDEX ISSUED	CYLINDER SERIAL Nos.	DRAFTSMAN
20	1200	9267-9286			TOM BODELL

1st. 10 Locos. - Nos. 81-90 INJ. R. & L.
Last 10 Locos. - Nos. 91-100 INJ. - R.S. & F.W.H. L.S.

CYLINDERS 25" X 27½"
DRIVERS 57" DIA.
TUBES No. 152 DIA. 2¼"
FLUES No. 45 DIA. 5½"
BOILER PRESSURE 227# WORKING
FIRE BOX INSIDE 120⅛" X 81¼"
GRATE AREA 67.7 SQ. FT.
FUEL COAL
BOILER TYPE STRAIGHT TOP
BOILER DIA. 80" O.D. DOME CR.
MAX. CURVE 16° APPR. DEGREES

TYPE VALVE GEAR WALSCHAERT
GAUGE OF TRACK 4' - 8½"
TRACTIVE POWER 51,400
BOOSTER TR. POWER —
WEIGHT ON DRIVERS 223,000
TOTAL ENGINE WT. 260,000
FACTOR ADHESION 3.83
HEIGHT LIMIT 15'-0"
WIDTH LIMIT
OVERALL LENGTH 78'-7" Over Buffers.
MAX. GRADE 1.5%

1200

LIST OF POWER REVERSE APPLICATION DWGS. ON PAGE 93 - NOT APPLIED ON CO. 1200
LOCO # 91 WITH F.W.Htr. WAS BUILT FIRST, WAS TESTED AT ALTOONA TEST PLANT. WAS 1ST RUN 9-8-47

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10	Ash-pan and Oil-pan.
11	Axles.
12	Bell and Ringer.
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	Blower Pipe Elbow—See 63.
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14	Boiler Details and Attachments—Tubes and Flues.
	Mallet Cylinder and Bearing Saddles.
	Boiler Checks—See 55.
15	Bolts and Nuts, Studs, Pins and Bushings.
	Booster—See 99.
16	Boxes, Driving and Details.
17	Boxes, Engine Truck, Trailing.
18	Brackets, Air and Steam Gauge Brackets.
19	Brake Equipment, Operating, Air Signal, Air Pump Bracket, Air Reservoirs.
20	Brake Equipment, Foundation.
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21	Bumpers and Details.
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22	Cabs.
23	Cab Details, Apron, Brackets, Door Fixtures, Ventilator, etc.
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	Cab Lamp—See 54.
	Cab Tool Box—See 23.
	Cab Turret—See 78.
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24	Booster
26	Cocks and Valves, Cylinder and Blow-off Cocks, Globe Valves.
27	Cocks and Valves, Gauge, Water and Special.
28	Cock Rigging.
	Combination Lever—See 58.
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	Coupler Engine—See 37.
29	Crank Pins and Details.
30	Crossheads, Arm, Pin, Key and Shoes.
	Crossties—See 47.
31	Cylinders and Barrel Bushings.
32	Cylinder and Steam Chest Heads and Covers, Steam Chests and Bushings.
33	Cylinder Compound Attachment, Intercepting, Reducing and Starting Valves, Receiver Pipe.
34	Cylinder By-Pass, Relief, Vacuum and Drifting Valves.
	Cylinder Saddles, Mallet Engines—See 14.
35	Die Work—Flanging Dies.
36	Dome—Cap, Casings and Ring.
37	Drawgear, Engine, Coupler, Uncoupling Rigging. Front Buffers, Drawbars, Safety Chains and Bars. Chafing Plate, Radial Buffers.
	Draft Pipe—See 75.
	Driving Spring Saddle—See 77.
	Driving Spring Hangers—See 77.
	Dry Pipe—See 91.
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39	Eccentrics, Cranks, Straps and Rods.
40	Engine Truck—Leading.
41	Engine Truck—Trailing.
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42	Erecting Cards—Elevations.
43	Erecting Cards—Cross Sections.
44	Exhaust Pipe and Nozzles.
	Expansion Pad, Knee and Plate—See 47.
	Feed Water Attachment—See 55.
45	Fire Door, Fire Brick and Tubes—Smoke Consumer
	Fire Box Ring—See 14.
	Fire Extinguisher—See 64.
46	Frames, Frame Cradles, Pedestal Ties, Shoes and Wedges.
47	Frame Details, Foot Plate, Crossties, Filling Castings, Waist Sheets, Furnace Bearers.
49	Gauges, Templates and Jigs.
50	Guides, Yoke and End.
51	Grate Arrangement.
52	Grate Details.
	Hand Holes—See 66.
53	Hand Rails and Steps, Engine and Tender.
54	Headlights and Signal Attachments, Lamps, Electric Wiring, Builders' License and Number Plates.
	Intercepting Valve—See 33.
55	Injectors, Boiler Checks and Strainers.
	Keys—See 15.
57	Lagging and Jacket.
	Lamps—See 54.
58	Link Motion.
	Lubricator—See 59.
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	Number Plates—See 54.
59	Oil and Grease Cups, Lubricator and Bracket, Oil Can Holder, Flange Lubricator.
60	Oil Burning Attachments—Engine.
61	Painting, Lettering and Numbering—Photos.
62	Pilot and Snow Plows.
	Pedestal Bolt and Thimble—See 47.
63	Pipe Fittings and Clamps, Air, Steam, Water and Lubricator Pipe Fittings.
64	Piping Arrangements, Engine, Air Brake, Cooling, Oil Heater, Sprinkler and Steam Heat Piping.
65	Piston and Rod, Extensions, Rod Packing.
66	Plugs, Hand Holes and Washout.
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	Radius Rod—See 58.
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68	Reverse Lever, Screw and Pneumatic Gears.
69	Reverse Shaft and Reach Rod.
70	Rocker and Box.
71	Running Boards and Brackets, Side and Deck Sheets.
72	Rods, Main and Side, Knuckle Pins and Studs.
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73	Sand Box, Sanders and Rigging.
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75	Smoke Box Arrangement, Front and Door, Smoke Stack and Extensions, Smoke Box Braces.
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77	Spring Rigging.
	Sprinkler—See 64.
	Steam Chests—See 32.
78	Steam Gauge, Safety Valve and Turrets.
	Steam Heat—See 64.
79	Steam Pipes and Tee Heads.
	Steps—See 53.
80	Stoker and Details, Engine and Tender.
81	Superheater, Header and Details.
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82	Tank Valves—Oil and Water, Handle, Well, Goose Neck, Strainer, Hose.
83	Tank, Engine—Side and Saddle, Coal Bunk, Equalizing Pipes.
91	Throttle and Dry Pipe—Lever, Supports, Sleeves.
	Tires—See 95.
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92	Tools.
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94	Valves, Distribution—Stems, Rods, Valve Rod, Cosshead and Packing.
	Valve Rod Crosshead Guide—See 32.
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95	Wheels and Tires—Driving, Engine Truck, Trailing, Tender and Shay Wheels.
96	Whistle and Rigging.
97	Preliminary Designs and Propositions.
98	Clearance and Wheels Base Diagrams.
99	Miscellaneous—Booster—Speed Recorder.

ADDITIONS AND CHANGES

ADDITIONS TO BE MADE IN BLACK INK AND CHANGES IN RED INK

SERIAL	DATE	PAGE	ENTRY	ITEMS—ADDITIONS
	4-8-47	77		39-40
	"	26		32-33
	4-9-47	70		50-52-54-55-56 (COPIED TO SCHED. DEPT. BY J.W.L. 4/9/47)
	"	71		1 to 10
	"	69		51
	"	50		3
	"	44		45-46-47-48
	"	10		40-42-43-44
	"	72		11-44-61
	"	73		13-25
	"	59		17 to 20
	4-10-47	72		1 to 7-18
	4-11-47	61		57 to 60
	"	63		54 to 59
	"	85		38-39
	4-14-47	26		54-55
	"	46		62
	"	72		28-34-45-51-55
	"	73		1-7-14-19
	"	67		14
	"	75		54
	"	9		1
	"	8		45 to 48
	"	42		49-44
	4-15-47	51		19 to 26 - 49 to 56
	"	89		17 to 20 - 21-22
	"	84		45
	"	43		36-45-46-51
	"	60		19
	"	12		49-50-52-53
	"	88		42-43-44
	"	40		60
	4-16-47	84		2
	"	81		8-9-21-24-25
	"	45		25-26-34-35-51-52
	"	59		60-61-62
	4-17-47	89		23 to 26
	"	35		16
	"	68		18
	4-18-47	71		11-12
	4-21-47	8		60-61
	"	10		37
	"	11		39 to 47-50 to 54-56-57
	"	35		11
	4-22-27	10		2
	"	20		28
	"	41		16
	"	89		8-9-10
	"	51		62
	4-23-47	89		7-27 to 32
	4-24-47	42		39
	"	59		53 to 59
	"	26		36
	"	89		36-37-38
	4-25-47	10		8 to 15 - 17
	"	18		20
	"	67		21
	"	41		23-24-25
	4/28/47	77		2
	"	29		1
	4-28	2		7-8
	"	1		6 to 14-35-44-57-58-34-47
	"	42		38
	"	43		32
	"	51		9
	4-29	70		16-17-22
	"	1		32-36-37-49
	"	14		59-60-61
	"	43		59
	4-30	29		40
	"	30		57
	"	76		37
	"	70		18-37-38-39
	"	69		60-61
	"	50		34-35-42-43-48
	"	40		30-31-42
	"	43		52
	"	1		5-1-3-38-39-40-41-45-60-61
	"	~~37~~		~~20 to 29~~
	"	76		40
	"	75		8-9-10
	5-1	30		50
	"	50		23
	"	73		36
	"	85		41
	"	88		45
	"	17		5-53
	"	27		5
	"	43		55
	"	8		49-51-58-59
	"	51		10-13
	"	61		26-27
	"	40		28-48-49-50-51-56-57
	"	41		42
	"	42		14-16
	"	59		49
	"	67		62
	5-5	41		41-43
	"	42		13-15
	5-6	81		5-6-7
	"	51		1 to 8-11-12
	"	54		9 to 18
	"	1		46
	"	40		26
	"	4		30
	"	67		54
	"	66		39-40
	"	70		35-36-11-12-13-14-15
	5-7	54		57-59
	"	67		17
	"	58		10 to 19
	"	60		20-21-22-1-2-3-4
	5-8	83		8
	"	82		35-41
	5-9	83		1-6-55-57-58-42-
	"	82		28-30-31-33-34-43 to 47-22-29
	5-12	52		37
	"	88		46
	5-12	10		26-28-33
	"	44		19
	4-9-47	50		2 Change & Release Hold Up
	4-10-47	86		11-12-41 Release Hold Up
	4-11-47	63		49
	4-11-47	85		35
	"	89		12
	4-14-47	65		1-2 Release Hold Up
	4-17-47	35		12
	"	68		14-13- Change & Release
	"	68		15 Don't re-order if now made
	4-18-47	26		5-6
	4-21-47	11		11
	4-22-47	35		11
	"	52		26-45
	4-23-47	89		14
	4-25-47	25		47
	4/28/47	77		1
	4-29-47	59		53-54
	4-30-47	54		40-42 Hold Up All Work
	"	76		35 Release Hold Up
	5-1-47	37		18 Hold Up.
	"	1		1 Hold Up
	5-2-47	17		52
	"	54		40-42 Release Hold Up Rev. "Y"
	"	10		61 Cancel
	"	54		50 Cancel
	5-5-47	59		53 Hold Up Forging
	"	36		12
	"	37		15-16
	"	89		27
	"	37		18 Change & Release
	5-6	80		16
	"	1		12
	5-8	1		1 Change & Release
	"	1		Change 3-32
	"	82		40
	5-9-47	29		44-52-53-56 Hold Up Work
	5-9-47	82		35-54
	5-12-47	29		44-52-53-56 Release Rev. "Y"
	"	1		9-10
	"	43		36
	"	30		44
	"	68		13
	5-13-47	29		44
	5-14-47	[redacted]		[redacted]
	5-16-47	51		38
	"	11		31
	"	59		53 (Release Hold Up to New Dwg.)
	5-19-47	82		11-54
	"	83		3-4-38-39
	"	87		10
	5-23-47	74		45 to 49 incl. Hold All Work
	5-26-47	37		15-16
	5-28-47	47		11-13
	"	77		61-62
	"	78		41-42-43-44-45-46
	"	74		45 to 49 Release Work to Rev. "Z"
	6-2-47	87		1
	6-6-47	8		55 Use All Forgings Now Made
	"	63		54-55-56-57-58-59
	6-10-47	62		12 Hold Up

ADDITIONS AND CHANGES

ADDITIONS TO BE MADE IN BLACK INK AND CHANGES IN RED INK

SERIAL	DATE	PAGE	ENTRY	ITEMS—ADDITIONS
	5-12-47	23		57
	"	80		17-18
	5-13-47	64		20-21
	"	66		60-61
	"	68		2
	"	5		61
	"	6		16
	"	88		48-49-50
	5-14-47	67		6-7-45
	"	74		60-61-62-41-45to49-51
	"	66		1to6
	5-15-47	88		61-62
	"	24		35to40
	"	66		41to44
	5-16-47	17		9
	"	10		52
	"	43		40
	"	48		50
	"	82		17-19
	"	80		14
		54		1-2-3-5
	5-19-47	76		36
	"	37		46
	"	82		61-62
	"	64		38-39
	"	65		10-11
	"	7		35-36-56-57-58
	"	7		1to4-7-8-13to16
	"	45		40to43
	5-20-47	57		21-22-23
	"	65		12-13-14to21-22
	5-21-47	40		27
	5-23-47	43		33
	"	67		44-9-50-33
	5-26-47	66		9-10-12-13-14
	"	37		14
	"	26		24-27
	5-27-47	63		52
	"	62		All Items On Page (COPIED TO SCHED. DEPT SHEETS. BY J.W.L 5/28/47)
	"	90		All Items On Page
	5-29-47	8		55-56
	"	17		23
	"	54		32-35-36
	6-2-47	71		13
	"	90		46-47-48-49
	"	87		11
	"	54		55
	6-3-47	81		1
	"	33		30-31
	6-4-47	76		12-19-24-27-28-30-31-32-33
	"	75		1-2-4-5-12-13-17-25-26-27
	"	75		29-31-35-36-37-38-45-46
	"	54		33
	6-5-47	64		3-4
	"	65		5-6-62
	6-6-47	48		12-13
	6-9-47	44		1-3-4-5-6-10-11-12-13-21to28
	"	44		30-31-32
	6-10-47	64		22to36
	6-11-47	65		23to29-32to38-41to44

SERIAL	DATE	PAGE	ENTRY	ITEMS—ADDITIONS
	6-11-47	33		28-34
	"	37		48
	6-13-47	37		47
	6-16-47	33		42
	"	48		42-49
	"	88		26-27
	"	67		1to5
	"	33		29-35
	6-17-47	88		54
	6-19-47	67		12
	"	66		28-29
	"	56		50
	"	64		18-19
	6-20-47	81		2-27-28
	"	83		60-61
	"	67		20
	"	54		56
	6-23-47	45		38-39-44
	6-24-47	21		22
	"	42		29
	"	45		23-24-36-37-62-45-46
	"	19		30-31-33-34
	"	54		7
	"	51		33-41
	"	58		56-55-50
	"	30		1
	"	8		54
	6-26-47	79		1-2-3-5-6-7
	6-27-47	17		1-6-7-8-22-24
	"	20		17-19
	"	18		46-58-60
	6-30-47	18		47-48
	"	19		22
	"	65		47-48
	7-1-47	1		28
	"	19		58-1-2-13-17-18
	"	20		24-25-39-40-41
	7-2-47	18		6-7
	7-3-47	87		49-50-51-52-57
	7-7-47	43		43
	"	88		55-56
	"	42		40
	"	43		2-6-19-23-25
	"	90		50-51-52
	"	88		40
	"	89		52-53-54
	7-16-47	26		62
	7-21-47	80		48
	"	11		33 Schedule Price Only. Have been Made In Tank Shop
	7-24-47	37		49-51
	7-25-47	89		39 Use All Pls. Now Made As Is. This Is For Future
	"	37		50
	7-28-47	56		42
	"	40		29
	8-11-47	6		3
		20		42-43
	8-19-47	20		23
	9-4-47	31		21
	9-5-47	10		16-18
	9-8-47	63		23-24

SERIAL	DATE	PAGE	ENTRY	ITEMS—CHANGES AND HOLD-UPS
	6-10-47	82		20
	6-12-47	2		45 Release Hold Up to Rev. "Z"
	6-16-47	62		12
	"	33		28-34
	6-19-47	78		24-25
	6-25-47	63		55-57-59
	6-26-47	48		12
	"	30		1
	6-30-47	17		23
	7-3-47	90		5
	7-9-47	56		50 Cancel
	"	66		28-29 Hold Up
	7-16-47	17		1
	7-18-47	77		21
	7-22-47	11		48-49 Record Change. Do Not Re-order Re-instate to Rev. "Z"
	"	56		50
	"	66		28-29 Release Hold Up & Remake to Rev. "Z"
	7-25-47	82		19 Do Not Re-order - Record Only
	"	12		6 Do Not Re-Order Record Only
	8-8-47	67		18
	8-20-47	56		42
	8-25-47	40		1 Re-order Pins at Once
	9-2-47	61		39 Record Only
	9-2-47	48		42-49 Change at once
	"	36		4 Change Schedule
	"	46		52
	9-9-47	62		7
	9-10-47	54		9
	9-15-47	67		33 Record
	9-17-47	8		51 Record
	9-19-47	41		42 Record
	9-19-47	88		27
	"	44		5-6 Change
	"	25		4 Record Only Don't Re-order
	9-26-47	37		18 Record Only.
	10-1-47	77		39 Record Only
	10-3-47	48		17-18 Change.
	"	26		23 Record Only
	"	77		46 Record Only
	10-10-47	54		1-5 Record Only
	10-13-47	77		59 Record
	10-15-47	54		33 Record Only
	10-23-47	90		18
	10-23-47	23		57 Change
	10-28-47	48		24
	10-31-47	23		34-39 Record
	11-12-47	77		40-45 Record

ADDITIONS AND CHANGES

ADDITIONS TO BE MADE IN BLACK INK AND CHANGES IN RED INK

SERIAL	DATE	PAGE	ENTRY	ITEMS—ADDITIONS
	9-8-47	19		42-43
	9-11-47	25		4
	9-15-47	21		47-48 (Price Only to E.S. Now Made)
	"	68		19 (Price Only to E.S. Now Made)
	9-17-47	8		52 Record Only - Don't Order
	9-19-47	41		44 Record Only - Don't Order
	9-23-47	83		30-36 (Price to Bradley Now being Made)
	9-24-47	90		58
	9-25-47	63		46 Price to J. Polinski Pipe Shop.
	10-6-47	67		27-28 Record Only
	10-17-47	51		58
	10-21-47	52		31. Don't schedule twice Shop Now Making
	"	51		18-57 Don't Schedule twice Shop Now Making
	10-22-47	23		58 Don't. schedule twice Shop Now Making
	10-23-47	23		59-60-61 Schedule Erect Shop Now Being Made In E.S.
	10-27-47	23		51-52 Record
	10-28-47	23		56 Record
	11-12-47	77		50 Record
	11-17-47	88		28 Record

SERIAL	DATE	PAGE	ENTRY	ITEMS—ADDITIONS

SERIAL	DATE	PAGE	ENTRY	ITEMS—CHANGES AND HOLD-UPS

ADDITIONS AND CHANGES

ADDITIONS TO BE MADE IN BLACK INK AND CHANGES IN RED INK

SERIAL	DATE	PAGE	ENTRY	ITEMS—ADDITIONS	SERIAL	DATE	PAGE	ENTRY	ITEMS—ADDITIONS	SERIAL	DATE	PAGE	ENTRY	ITEMS—CHANGES AND HOLD-UPS

ADDITIONS AND CHANGES

ADDITIONS TO BE MADE IN BLACK INK AND CHANGES IN RED INK

	SERIAL	DATE	PAGE	ENTRY	ITEMS—ADDITIONS	SERIAL	DATE	PAGE	ENTRY	ITEMS—ADDITIONS	SERIAL	DATE	PAGE	ENTRY	ITEMS—CHANGES AND HOLD-UPS

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	DRAWING CARD No.	NO. PCS.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 10—ASH PAN								
1-1	P	✓				1	Ash Pan	106-~~A~~-42 #C	1	Alco 106-S-107300 #2	Plate & Bars Furn. Complete	✓	REV. "V" FOR FUTURE		
1-5	P					2	" " Material Bill	10-MO-67	1-Set	Alco 101-S-89740		✓			
	P	✓				3	" " Damper	106-~~A~~-42 #C	1-R 1-L	Alco 106-S-107300 #2	Plate	✓			
						4	" " " Rigging								
1-46	P					5	" " " " Pins	102-B-490	2	Alco 102-S-60969	1020 Hex. Furn. Cotter	✓			
1-10	P					6	" " " Operating Rod	102-A-486	1-R 1-L	Alco 102-S-207730	1020 Bar	✓	102-A-486		
1-11	P					7	" " " " " Latch	102-B-486	2	Alco 102-S-207731	1020 Bar	✓			
1-14	P					8	" " " Bell Crank	102-C-487	1-R 1-L	Alco 102-S-207495	Plate & Bar Welded Constr.	✓		Furnish Complete	
1-13	P	✓				9	" " " " Fulcrum	102-B-487	2	Alco 102-S-207495 4	1020 Bar	✓			
1-17	P	✓				10	" " " Conn. Link	102-A-487	2	Alco 102-S-207494 3	1020 Bar	✓	102-A-487		
	P					11	" " " Bell Crank Fulcrum Pin	102-A-490	2	Alco 102-S-60968	1020 steel	✓	102-A-490		
1-8	P	✓				12	" " " " " " Washer	102-K-486	~~6~~ 8	Alco 102-S-207738	1020 Bar	✓			
	P					13	" " " Hinge		10	8" Heavy Strap Stanley # 902	Blank Steel Ord. In P.D.				
1-16	P					14	" " " Lug	102-J-486	2	Alco 102-S-207737	1020 Bar	✓			
						15	" " " Lever								
						16	" " " "								
						17	" " " " Shaft								
						18	" " " " " Bearing								
						19	" " " Lug								
						20	" " " "								
						21	" " " Rod								
						22	" " " "								
						23	" " " " Jaw								
						24	" " " " "								
						25	" " " Shaft								
						26	" " " " Bearing								
						27	" " " " Collar								
	P					28	" " Removable Cor. Angles		1-R 1-L.	Make to Suit Boiler Shop Template - Steel Angle					
						29	" "								
1-40	P					30	" " Door	102-A-484	2	Alco 102-S-207720					L-10-S-1312
						31	" " " Cover								
1-43	P	✓				32	" " " Frame	106-~~A~~-42 #C	2	Alco 106-S-107300 #2	1020 Bar Welded Constr.	✓			
						33	" " " Handle								
1-25	P					34	" " " Link	102-A-385	4	Alco 102-S-206535	1020 Bar	✓			
1-28	P					35	" " " " Connection	102-D-486	2	Alco 102-S-207733	1020 Bar	✓	102-D-486		
1-42	P					36	" " " Hanger [illegible]	102-B-387	4	Alco 102-S-206693	1020 Bar	✓			
1-41	P					37	" " " " Brkt.	102-B-386	4	Alco 102-S-206344	1020 Bar	✓			
1-47	P					38	" " Slide Rigging Pins	102-B-371	4	Alco 102-S-60928	1020 Hex. Bar	✓			
1-48	P					39	" " " [illegible] "	102-D-374	2	Alco 102-S-60280	1020 Hex. Bar	✓			
1-49	P					40	" " " Rigging "	102-B-374	4	Alco 102-S-60269	1020 Hex. Bar	✓			
1-50	P					41	" " " " Pins	102-E-374	2	Alco 102-S-60284	1020 Hex. Bar	✓			
54-45	P					42	" " " Rod Spring	102-A-380	2	Alco 76Z-S-9018	Steel Coil Ord. In P.D.				
1-30	P					43	" " " " Jaw	102-A-482	2	Alco 102-S-200260					L-10-S-1505
1-26	P					44	" " " "	102-E-486	1-R 1-L	Alco 102-S-207734	1020 Bar	✓	102-E-486		
1-51	P					45	" " " Rigging Pin	102-C-374	2	Alco 102-S-60276	1020 Hex. Bar	✓			
1-18	P					46	" " Operating Shaft	102-A-491	1	Alco 102-S-207432	Cold Rolled Steel Furn. Nut & Collars & Keys	✓	Rev "Z" For Future.		
1-21	P					47	" " " " Arm	102-C-385	2	Alco 102-S-206537	1020 - Furn. Complete	✓	102-C-385		
	P					48	" " " " Bearing								
1-21	P					49	" " " ~~Spindle~~ Collars	102-A-392	2	Alco 102-S-203000	1020 Bar	✓			
						50	" " " " Head								
						51	" " " " Support								
						52	" " " " "								
						53	" " " Piston								
						54	" " " " Follower								
						55	" " " " Rings								
						56	" " " " Rod								
1-31	P					57	" " " Lever	102-F-486	1	Alco 102-S-207735	1020 Bar	✓	102-F-486	Furn. Complete	
1-32	P					58	" " " " Catch	102-L-486	1-Set	Alco 102-S-207739	1020 Bar	✓	102-L-486		
						59	" " " " Hinge								
1-53	P					60	" " " " " Pin	102-A-489	1	Alco 102-S-60304	1020 steel Furn. Complete	✓	102-A-489		
	P					61	" " " " ~~Latch~~ " Pin Chain		1-Set	Fire Door Chain 12" Long	Ord. In P.D.		(Make "S" Hook to Suit)		
						62	" " " " " Pin								

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	NO. PCS.	DRAWING CARD NO.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 10—ASH PAN (Cont.)								
						1	Ash Pan Operating Lever Stop								
						2	" " " " " Pin								
						3	" "								
						4	" "								
						5	" "								
1-56	B					6	" " Support - Sides	102-A-483 8	Alco 102-S-207700					L-10-S-2051	
1-57	B					7	" " " - Ft. Top.	102-C-486 1	Alco 102-S-207732	Plate	✓	102-C-486			
1-58	B					8	" " " - Ft. Corners	102-H-486 2	Alco 102-S-207736	1020 Bar	✓				
						9	" " "								
						10	" " "								
						11	" " "								
						12	" " "								
						13	" " "								
						14	" " "								
						15	" " "								
						16	" " Stiffener								
						17	" " Shaft Latch Operating Rigging								
						18	" " " " Arm								
						19	" " " " Handle								
						20	" " " " Bearing								
						21	" " " " Rod								
						22	" " " " " Jaws								
						23	" " Cinder Box								
						24	" " " " Cover								
						25	" " Brick Work								
						26	" " Swipe Manifold								
						27	" " Operating Lever Bracket Arrg't								
						28	" " " " Brackets								
						29	" " " " "								
						30									
						31									
						32									
						33									
						34									
						35									
						36									
						37									
						38	**GROUP 11—AXLES**								
2-1	B					39	Axle, Driving—Main	112-A-421 1	Alco 112-S-17520	Med. Car. Steel Ord. Rough Turned In P.D.					
2-2	B					40	" " —Others-All	112-A-420 4	Alco 112-S-17530	Med. Car. Steel Ord. Rough Turned In P.D.					
						41	" " —Inter.								
						42	" " —Back								
						43	" " — " Inter.								
Cancelled 49-51						44	" " —Keys								
49-52	B ✓					45	" " — " Main & - Others	112-A-385 10	Alco 952-A-9013	C.R. Steel 1050	✓				
						46	" " —Plugs								
						47	" " — "								
						48	" " — "								
						49	" " — "								
2-7	B					50	" , Engine Truck	112-A-419 1	Alco 112-S-31600	Med. Car Steel Ord Rough Turned In P.D.					
						51	" " " —Collar								
						52	" " " —Plug								
						53	" , Trailing Truck—Front								
						54	" " " —Back								
						55	" " " —Plugs								
						56	" " " — "								
7 12-4	B					57	" Marking Driving & Eng Trk.	112-A-424 1-Set	Alco 992-S-53170						
						58									
						59									
						60									
						61									
						62									

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 12—BELL								
						1	Bell Arrangement								
						2	"								
						3	" Clapper								
						4	" " Jaw								
						5	" Stand								
						6	" " Bushing								
						7	" Washer								
						8	" Yoke								
						9	" " Nut								
						10	" " Shaft								
						11	" " "								
						12	" " Washer								
						13	"								
						14	" Ringer								
						15	" " Operating Valve								
						16	"								
						17	"								
						18	" Rope								
						19	" " Chain								
						20	" " Eye								
						21	" " "								
						22	" " "								
						23	" " "								
						24	" " Guide								
						25	" " " Bracket								
						26	" " " Roller								
						27	" " " Staple								
						28	" "								
						29	" "								
						30	" " Pulley								
						31	" " " Hanger								
						32	" " " Staple								
						33	" " "								
						34	" " Thimble								
						35	" " " Nut								
						36									
						37									
						38									
						39									
						40									
						41									
						42	GROUP 13—BOILER								
	B					43	Boiler Plan ENGS. 9267-9276 ONLY → 130-C-136 " 9277-9286 ONLY → 130-D-136	1	ALCO 1311-S-501002 ALCO 1311-S-501003						
	B					44	" Sections 134-A-291	1	ALCO 134-S-501010						
	B					45	" Material Bill FLANGE FIREBOX	1 SET 1 SET	13-M.O.-467C 13-M.O.-468-A						
	B					46	" Staybolt Bill—Flexible "ALCO"	1 SET	13-M.O.-469-B						
						47	" " " —Rigid	—							
						48	" " Schedule	—							
	B					49	" " Location—Water Space 142-A-688	1 SET	ALCO. 142-S-450790				ALCO 142-S-450790		
	B	S				50	" " " —Crown 142-A-683	1 SET	ALCO. 142-S-450760				ALCO 142-S-450760		
	B					51	" Test Pressure, Water		297#						
	B					52	" " " , Steam		247#						
	B					53	" Working Pressure		227#						
	B					54	" Seam FIRST COURSE 132-A-284		ALCO 142-S-37760						
	B					55	" " DOME LINER & 2ND COURSE 133-A-102		ALCO 143-S-37750						
	B					56	" " THROAT SEAM 143-B-230		ALCO 143-A-3045						
						57	" "	—							
	B					58	" RIVET MATERIAL	1 SET	13-M.O.-470						
	B					59	" (SHOP SPECIFICATION) 992-A-509		ALCO 992-S-974070						
						60									
	B					61	BOILER ROOF & SIDE SHEET DEVELOPMENT 134-B-292		ALCO 144-S-985031						
	B					62	CROWN & " " " 134-A-293		ALCO 144-S-985040						

	APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE		NO. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
						GROUP 13—BOILER (Cont.)									
B					1	Boiler Backhead & Door Sheet Development	134-B-294		ALCO 144-5-985101						
B					2	" Front Tube, Throat & Firebox Tube " "	134-A-295		ALCO 144-5-985150						
B					3	" 1st Course " "	137-A-131		ALCO 147-5-984990						
B					4	" Smoke Box "	137-A-132		ALCO 147-5-985010	Engs. 9267-9276 Only					
B					5	" Smoke Box "	137-A-133		ALCO 147-5-985110	" 9277-9286 Only					
B					6	" 2nd Course "	137-A-134		ALCO 147-5-985120						
					7										
					8	GROUP 14—BOILER DETAILS									
B				S	9	Boiler Brace Rod	142-A-636	24	ALCO 142-5-430920		V	ALCO 143-5-430920			
B				S	10	" " " (Backhead)	142-A-676	4	ALCO 142-5-430910		V	ALCO 142-5-430910			
B				S	11	" " " (Front Tube)	142-A-677	2	ALCO 142-5-447291		V	ALCO 142-5-447291			
B				S	12	" " " (Backhead)	142-B-677	2	ALCO 142-5-447294		V	ALCO 142-5-447294			
B					13	" " " Pin Flat Key	152-C-63	64	ALCO 152-A-3002	Ord. In P.D.					
B				S	14	" " " Lugs	142-A-560	32	ALCO 142-5-429640		V	ALCO 142-5-429640			
B				S	15	" " " Crowfoot (Front Tube)	142-A-677	2	ALCO 142-5-447291		V	ALCO SK. 14-5-3611 LIMA SK. 14-A-179			
B				S	16	" " " Crowfoot (Backhead)	142-B-677	1R 1L	ALCO 142-5-447294		V	ALCO SK. 14-5-9490 LIMA SK. 14-A-184			
					17	" " " "		—							
					18	" " " "		—							
					19	" " " Jaws		—							
B				S	20	" " " Pins (Foot End)	142-A-679	24	ALCO 141-5-985070		V	ALCO 141-5-985070			
B				S	21	" " " " " (Jaw End)	142-B-679	24	ALCO 141-5-985071		V	ALCO 141-5-985071			
B				S	22	" " " " " (Foot End)	142-C-679	8	ALCO 141-5-985072		V	ALCO 141-5-985072			
B				S	23	" " " " " (Jaw End)	142-D-679	8	ALCO 141-5-985073		V	ALCO 141-5-985073			
B				S	24	" Throat Brace	142-A-674	9	ALCO 142-5-411430		V	ALCO 142-5-411430			
B					25	" " " Staybolt	"	18	"		V				
B					26	" Application of ALCO Flexible Staybolts	142-A-561		ALCO 142-5-969510						
B					27	" Rivet Location (Boiler)	142-A-687	1 Set	ALCO 142-5-985250						
B					28	" ~~"Crown Bar"~~ (Mud Ring)	142-A-686	1 Set	ALCO 141-5-985190						
					29	" " Roof Irons		—							
B					30	" Tube Sheet Ring Stud Application	142-A-665		ALCO 912-5-81360						
B					31	" Radial Stays (Plain)	142-A-568	1 Set	ALCO 142-5-429520			ALCO 142-5-429520			
B					32	" " " (Taper End)	142-A-577	1 Set	ALCO 142-5-443580			ALCO 142-5-443580			
					33	" " " —Buttonhead		—							
B					34	" Staybolt Threading - Crown & Waterspace	142-B-637		ALCO 142-5-449567						
					35	" Cross Stay		—							
B					36	" Tube Sheet Ring Cutting Diagram	142-A-680		ALCO 912-5-81352						
B				S	37	" Smoke Box Ring - Front	142-C-549	1	ALCO 742-5-93570		V	ALCO 742-5-93570			
B					38	" Smoke Box Ring - Back	142-A-681	1	ALCO 742-5-93728		V				
B					39	" Tube Sheet Ring	142-A-678	1	ALCO 912-5-81420		V				
B					40	" " " " Studs	"	10	"		V				
B					41	" Mud Ring	143-A-261	1	ALCO 143-5-110110					L 14-5-1731	
B					42	" " " Corner—F	143-A-262	1 Set	ALCO 143-5-109691						
B					43	" " " " —B	"	1 Set	"						
B					44	" Tubes—Small		152	2¼" O.D.	Ord. In P.D.					
B					45	" " —Large	142-A-670	45	ALCO 142-5-63454	Ord. In P.D.					
B					46	" Flue Prosser ~~Combustion Tubes~~	922-A-351		ALCO 932-5-93371						
B					47	" Tube Prosser ~~Stoker Flues~~	922-B-425		ALCO 932-5-95664						
B					48	" Tube Setting	143-B-264		ALCO 143-5-63521						
B					49	" Flue "	143-B-263		ALCO 143-5-63511						
B					50	" Tube & Flue Swaging & ~~Combustion Tube Setting~~ Expanding	143-A-265		ALCO 143-5-63530						
B					51	" Flue Beading Tool ~~Stoker Flue Setting~~	922-A-353		ALCO 932-5-94711						
					52	" Test Plate									
B					53	" Tube Beading Tool	922-A-353		ALCO 932-5-94712						
B					54	" Flue Ferrule Expander - ~~Cylinder Saddle (Mallet Engine)~~	922-A-354		ALCO 932-5-95180						
B					55	" Tube Ferrule Expander ~~Bearing~~	922-B-426		ALCO 932-5-95793						
B					56	" Arch Tube Flaring Tool ~~Centering Device Saddle~~	922-A-427		ALCO 932-5-92970						
B					57	" Waist Sheet Angle ~~or Tee~~ 1st Course.	142-A-675	2	ALCO 141-5-985050		V	ALCO 141-5-985050			
B					58	" " " " 2nd Course	142-B-675	2	ALCO 141-5-985051		V	ALCO 141-5-985051			
B					59	" " " " " "		—							
B					60	Mud Drum " " "	142-A-671	1	ALCO For Future - Change Min. Thickness on Sides From 11/16" to 9/16" EPD 6/25/47 142-5-2080		V				
B					61	" " Gasket	"	1	"		V				
B					62	" " Cap	142-B-671	1	ALCO 142-5-2081		V				

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	NO. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 15—Bolts and Nuts, Studs, Pins and Bushings								
	P					1	GROUP 14 - BOILER DETAILS - CONT!								
	P					2	BOILER BRACE TEE (FRONT TUBE) 142-A-682	1R 1L	ALCO 142-5-450780	—	✓	ALCO. 142-5-450780	—	—	—
	P					3	" " " " " 142-B-682	1R 1L	ALCO 142-5-450781	—	✓	ALCO. 142-5-450781	—	—	—
	P					4	" " " " " 142-C-682	1R 1L	ALCO 142-5- 450782	—	✓	ALCO. 142-5-450782	—	—	—
	P					5	" " " (BACKHEAD) 142-D-682	1R 1L	ALCO. 142-5-450783	—	✓	ALCO 142-5-450783	—	—	—
	P					6	" " " " 142-E-682	1R	ALCO 142-5-450784	—	✓	ALCO 142-5-450784	—	—	—
	P					7	" " " " 142-F-682	1L	ALCO. 142-5-450785	—	✓	ALCO 142-5-450785	—	—	—
	P					8	" " " " 142-H-682	1L	ALCO 142-5-450786	—	✓	ALCO 142-5-450786	—	—	—
	P					9	" " " " 142-J-682	1	ALCO 142-5-450787	—	✓	ALCO 142-5-450787	—	—	—
						10									
						11									
						12									
						13									
						14									
						15	GROUP 16—Boxes, Driving								
5-47	P					16	Box—Driving, Main #3. (Mach. R&L) Finishing Card	1-R 1-L	Alco 163-S-208290	A.A.R. Med. Bronze Hub Face Cast On		L-16-S-4146			
5-52	P					17	" —Brass " Ordering Card 162-B-298	2	Alco 162-S-305541	Ord. In P.D.					
5-51	P					18	" — " " 162-D-297	2	Alco 162-S-305573	Ord. In P.D. Semi-Machined & Lined with Babbitt					A.A.R. Med. Bronze L-16-S-4150
						19	" — " Plug "								
5-57	P					20	" —Cellar " 162-B-296	1-R 1-L	Alco 162-S-305531	Apply Plugs		L-16-S-4148			
5-60	P		S			21	" — " Pin " 162-B-300	4	Alco 162-S-34048	1020 Steel	✓	162-B-300			
						22	" Brass Quarter Bearing								
5-45	P					23	Box—Driving - Others #1. (Mach. R&L) Finishing Card 163-A-304	1-R 1-L	Alco 163-S-208280	A.A.R. Med. Bronze Hub Face Cast On		L-16-S-4145-A.			
5-54	P					24	" —Brass - Others - 162-A-298	8	Alco 162-S-305540	Ord In P.D.					
5-53	P					25	" — " - " Ordering Card 162-C-297	8	Alco 162-B-305572	Ord. In P.D. Semi-Machined & Lined with Babbitt					AAR Med. Bronze L-16-S-4149
						26	" — " Plug								
5-56	P					27	" —Cellar - Others #1 162-C-295	1-R 1-L	Alco 162-S-305522	Apply Plugs		L-16-S-4147			
5-58	P					28	" — " [redacted] " #2, #4, & #5 162-D-295	3-R 3-L	Alco 162-S-305523	" " "		L-16-S-4147			
						29	" Brass Quarter Bearing								
5-46	P					30	Box—Driving #2 Ft. Int. (Mach. R&L) 163-B-304	1-R 1-L	Alco 163-S-208281	A.A.R. Med. Bronze Hub Face Cast On		L-16-S-4145-B.			
5-48	P					31	" —[redacted] " #4 Bk. Int. (Mach. R&L) 163-A-306	1-R 1-L	Alco 163-S-208310	A.A.R. Med. Bronze Hub Face Cast On		L-16-S-4145			
5-49	P					32	" — " #5 Bk. (Mach. R&L) 163-A-307	1-R 1-L	Alco 163-S-208320	A.A.R. Med. Bronze Hub Face Cast On		L-16-S-4145-C.			
6-2	P					33	" — " #5 Bk. [redacted] Equalizer Seat 162-A-299	2	Alco 162-S-305560	Furn. Wires On Oil Cavity		L-16-S-4152			
						34	" —Cellar								
5-59	P		S			35	" — " Pin 162-A-300	16	Alco 162-S-34032	1020 Steel	✓	162-A-300			
						36	" Brass Quarter Bearing								
6-3	P					37	Box—Driving Eq. Rocker Block 162-A-302	8	Alco 162-S-305550	Bar Steel - 1045	✓		(For #4 & #5 Driv. Boxes)		
						38	" —Brass								
						39	" — "								
						40	" — " Plug								
						41	" —Cellar								
5-55	P					42	" — " Pin Keys 152-B-63	20	Alco 152-A-3001	Ord. In P.D.					
						43	" Brass Quarter Bearing								
						44	Box—Hub Liner								
						45	" — " "								
						46	" — " "								
						47	" — " "								
6-17	P					48	Box - Lateral Motion Device Arrgt. 164-A-65	1-Set	Alco 164-S-98490	#1 - Drivers Only	✓	(Furn. 2 - Liners as shown. 1020 Steel)			
6-18	P					49	Box—Lateral Motion Device Arrangement 164-A-66	1-Set	Alco 164-S-98500	#5 - Drivers Only	✓	(Furn. 2 Liners as shown. 1020 Steel)			
54-43	P					50	" — " " Spring 762-A-408	8	Alco 762-S-92186	Steel - Coil Ord. In P.D.					
6-27	P					51	" — " " " Seat 162-A-301	8	Alco 162-S-98480						L-16-S-4153
6-20	P					52	" — " " " " 162-A-305	4	Alco 162-S-94452	1020 Bar	✓	Stamp per arrgt dwgs.			
6-21	P					53	" — " " " " Pin 162-A-304	8	Alco 162-S-94020	1020 Bar	✓				
6-23	P					54	" — " " " " " " 162-B-304	6	Alco 162-S-94021	1020 Bar	✓				
6-19	P					55	" — " " " Rod 162-A-306	4	Alco 162-S-97833	Cold Rolled Steel	✓				
						56	" — " " " Liner								
6-22	P		S			57	" — " " Device Yoke 162-A-303	6	Alco 162-S-94010	1020 Bar	✓	162-A-303			
6-24	P		S			58	" - " " " " 162-A-307	2	Alco 162-S-98510	Weld on Lugs. 1020 Bar	✓	162-A-307	(Back of Front Box Only)		
6-25	P					59	" - " " " " Pin 162-B-307	2	Alco 162-S-98511	1020 Bar	✓		(" " " " ")		
						60									
6-7	P					61	Driving Box Journal Lubricators	1-Set	Lub. Prod. Co. Dwg. CB-L1	Ord in P.D.		2 - Main 8 - Others			
						62									

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE			NO. PCS.	DRAWING CARD NO.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 17—BOXES, TRUCK										
6-35	B					1	Box—Engine Truck (Fit Up R&L.)	173-A-141		2	Alco 173-S-14830	A.A.R. Med. Bronze Hub Face Cast On				L-17-S-2574	
6-37	B					2	" —Brass,	173-B-139	Engine Truck	2	Alco 173-S-22425	Babbitt Lined Ord. In P.D. - Ready to Apply					A.A.R. Med. Bronze L-17-S-1937
	B					3	" —~~Binder~~, Dust Seal	172-A-315		4	Alco 172-S-9620	Sheet Brass ✓ (Welded to Brass)					
						4	" — " Bolt,	"	"								
6-36	B					5	" —Cellar,	172-B-304	" "	1-R 1-L	Alco 172-S-24641	Apply Plugs				L-17-S-2575	
6-57	B				S	6	" — " Bolt,	172-A-306	" "	2	Alco 172-S-22923	1020 Bar	✓	172-A-306			
6-56	B					7	" — " ~~Lock~~ Keys,	152-B-63	" "	2	Alco 152-A-3001	Ord. In P.D.					
						8	" — " " Keeper,		" "								
						9	" —Hub Liner,		" "								
						10	" —Lid,		" "								
						11	" — " Pin,		" "								
						12	" — " Spring,		" "								
6-35	B					13	" —Oil Cover Plate,	173-A-141		2	Alco 173-S-14830	Plate Weld to Box	✓				
						14	" —Pedestal Liner,		" "								
						15	" —Wedge,		" "								
6-55	B					16	Eng. Trk. Box Journal Lubricator			2	Lub. Prod. Co's Dwg. CB-L1	Ord. In P.D.					
						17	" —										
						18	" —										
						19	" —										
						20	" —										
						21	" —										
						22	" —Trailing Truck—Front										
						23	" —Brass,		Trailing Truck—Front								
						24	" —Binder,		" " "								
						25	" — " Bolt,		" " "								
						26	" —Cellar,		" " "								
						27	" — " Bolt,		" " "								
						28	" —Cover,		" " "								
						29	" —Hub Liner,		" " "								
						30	" —Lid,		" " "								
						31	" — " Pin,		" " "								
						32	" — " Spring,		" " "								
						33	" —Oil Cover Plate,		" " "								
						34	" —Pedestal Liner,		" " "								
						35	" —Wedge,		" " "								
						36	" —										
						37	" —										
						38	" —										
						39	" —										
						40	" —										
						41	" —										
						42	" —Trailing Truck—Rear										
						43	" —Brass,		Trailing Truck—Rear								
						44	" —Binder,		" " "								
						45	" — " Bolt,		" " "								
						46	" —Cellar,		" " "								
						47	" — " Bolt,		" " "								
						48	" —Cover,		" " "								
						49	" —Hub Liner,		" " "								
						50	" —Lid,		" " "								
						51	" — " Pin,		" " "								
						52	" — " Spring,		" " "								
						53	" —Oil Cover Plate,		" " "								
						54	" —Pedestal Liner,		" " "								
						55	" —Wedge,		" " "								
						56											
						57											
						58											
						59											
						60											
						61											
						62											

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	NO. PCS.	DRAWING CARD NO.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH NO.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 18—BRACKETS								
7-10	B					1	Air Gauge Stand	1	182-A-461	Alco 182-S-26250 1020 Bar	✓	182-A-461			
7-11	B					2	" " " Shield ~~Bracket~~	1	182-B-461	Alco 182-S-26251 #16 Plate	✓				
7-53	B					3	~~Back~~ St. Chest Pressure Gauge Stand	1	182-B-459	Alco 182-S-26281 Plate	✓				
	B					4	" " " " " Bracket	1	182-B-459	Alco 182-S-26281 1020 Bar	✓	182-B-459			
						5	Booster Gauge Stand								
						6	" " " Bracket								
7-56	B Last 10 Engs. Only					7	Feed Water Heater Gauge Stand	1	182-A-458	Alco 182-S-26240 Plate	✓		(F.W.H., Steam Heat & Stoker)		
	B Last 10 Engs. Only					8	" " " " " Bracket	1	182-A-458	Alco 182-S-26240 1020 Bar	✓	182-A-458			
						9	Intercepting Valve Gauge Stand								
						10	" " " " Bracket								
						11	Pyrometer Gauge Stand								
						12	" " " Bracket								
7-54	B					13	Steam Gauge Stand	1	182-A-459	Alco 182-S-26280 Plate	✓				
	B					14	" " " Bracket	1	182-A-459	Alco 182-S-26280 1020 Bar	✓	182-A-459			
7-57	B 1st. 10 Engs. Only					15	Steam Heat Gauge Stand	1	182-A-460	Alco 182-S-26260 Plate			(Steam Heat & Stoker)		
	B 1st. 10 Engs. Only					16	" " " " Bracket	1	182-A-460	Alco 182-S-26260 1020 Bar	✓	182-A-460			
						17	Stoker Gauge Stand								
						18	" " " Bracket								
						19	Speed Recorder Stand								
						20	" " " Bracket								
						21	Valve Pilot Stand								
						22	" " " Bracket								
						23									
						24									
						25	Bell Ringer Valve Bracket								
						26	Booster Air Line Valve Bracket								
						27	" Pilot Valve Bracket								
						28	" Slip Control Valve Bracket								
						29	Low Water Alarm Acknowledging Valve Bracket								
						30	Sander Valve Bracket								
						31	Train Control Acknowledging Valve Bracket								
						32									
						33									
						34	Whistle Valve Bracket								
7-28	B					35	Cab Turret Bracket	2	192-C-616	Alco 182-S-59452 1020 Bar	✓	192-C-616			
7-29	B					36	" " " Boss	2	182-A-462	Alco 182-S-59520 1020 Bar	✓				
						37									
						38									
						39									
						40									
						41									
						42									
						43									
						44									
						45									
						46									
						47									
						48	GROUP 19—BRAKE, OPERATING								
8-8	B					49	Brake, Operating—Material Bill	1 Set	192-A-609	ALCO 192-S-97040 Ord. In P.D.		Makers Sched. A-1 & S-W.A. REV. "K" For Future			
						50	Brake Valve								
						51	" " Body								
						52	" " Cap								
						53	" " Nut								
						54	" " Follower								
						55	" " Handle								
7-16	B					56	" " Bracket—Automatic	1	192-A-616	Alco 182-S-59450 1020 Bar	✓	192-A-616	(For H-6 Valve)		
7-18	B					57	" " " —Independent	1	192-B-616	Alco 182-S-59451 Plate	✓	192-B-616	(For S-A-2 Valve)		
7-30	B					58	" " ~~Bracket~~ Bosses	4	182-B-462	Alco 182-S-59521 1020 Bar	✓				
						59	" " " "								
						60	" Feed Valve Bracket								
						61	" " " "								
						62									

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD NO.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH NO.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 19—BRAKE, OPERATING (Cont.)								
						1	Brake Control Valve Bracket								
						2	" Distributing " "								
						3	"								
						4	" Relief Valve								
						5	" " " Cap								
						6	" " " Stem								
						7	" " " Spring								
						8	" " " Bracket								
						9	"								
						10	" Signal Valve Bracket								
						11	" Vent " "								
						12									
						13									
8-20	f					14	Main Reservoir	2	24 5/8" x 72"	W.A.B. Co. Ord. On Brk. M.D.					
						15	" "								
						16	" "								
						17	" "								
49-13	f					18	" " Support	4	193-A-293	Alco 713-S-309100 Furn. Std. Washer				L-71-S-1092.	
						19	" " "								
						20	" " "								
						21	" " "								
						22	" " "								
						23	" " "								
						24	" " "								
						25	" " "								
						26	" " Blocks								
8-29	f				S	27	" " Straps	4	192-B-610	Alco 192-S-24464 Bar Steel	✓	192-B-610			
						28	" " "								
						29	" " "								
						30	" " "								
8-28	f				S	31	" " U Bolts	4	192-A-610	Alco 192-S-24461 Bar Steel	✓	192-A-610			
						32	" " "								
						33	" " "								
						34	" " "								
						35									
						36									
						37	Air Turret								
						38	" " Support								
8-9	f					39	Air Pump Bracket	1	193-A-295	Alco 193-S-36860				L-19-S-677.	
						40	" " " Brace								
						41	" " " "								
						42	Air Pump Bracket								
						43	" " " Brace								
						44	" " " "								
8-12	f					45	Air Pump Shield	1	193-A-296	Alco 193-S-36870 Plate	✓				
8-13	f					46	" " " Brace	1	193-A-296	Alco 193-S-36870 Plate	✓				
8-14	f					47	" " " Support Ls.	2	193-A-296	Alco 193-S-36870 Angle	✓				
8-11	f					48	" " " Top - Ordering Detail	1	192-A-612	Alco 192-S-36880 1 pc. Suff for 2 Locos. Ord. In P. D.					
8-17	f					49	Air Pump Drip Pan	1	192-A-614	Alco 192-S-97170 #12 Plate	✓				
						50	" " " " Flange								
8-19	f ✓					51	" " " " Support	1/2	192-B-614	Alco 192-S-97171 1020 Bar	✓	192-B-614			
	f					52	" " " " "	1	192-C-614	Alco 192-S-97172 1020 Bar	✓	192-C-614			
						53	" " " " "								
8-27	f					54	" " Governor Support Washer	1	192-D-480	Alco 192-S-95485 1020 Bar	✓				
8-34	f ✓					55	" " Governor Support	1	192-C-480	Alco 95484 192-S-95483 1020 Bar	✓	192-C-480			(Furn. & Weld plate to Brk't.
7-13	f					56	Air Pump Strainer Support	1	192-A-617	Alco 192-S-96023 1020 Bar	✓	192-A-617			
						57	" " " "								
8-30	f					58	Equalizing Reservoir Support	2	192-E-501	Alco 192-S-24500 1020 Bar	✓	192-E-501			
8-31	f					59	" " " Blocks	2	192-F-501	Alco 192-S-24501 Hard Wood	✓				
8-32	f					60	Aux. Reservoir Support.	2 Set	192-A-613	Alco 192-S-25900 1020 Bar	✓	192-A-613			
8-33	f					61	" " " Block.	2	192-B-613	Alco 192-S-25901 Hard Wood	✓				
						62									

	APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	NO. PCS.	DRAWING CARD NO.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH NO.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
						GROUP 20—BRAKE, FOUNDATION								
8-37	8				1	Brake Arrangement (Foundation) A.B. Co.	1-Set	Dwg. No. 2615	A-1 Modified Ord. In P.D.		Schedule U-224-75			
					2	" Bell Crank								
					3	" " " Fulcrum								
					4	" Shaft								
					5	" " Bearing								
					6	" " "								
					7	" " Arms								
					8	" " Handle								
					9	" Cam								
					10	" " Sleeve								
					11	" Beam								
					12	" "								
					13	" "								
					14	" Equalizer								
					15	" "								
					16	" "								
					17	" Fulcrum								
					18	" "								
					19	" Hangers								
					20	" "								
					21	" Levers								
					22	" "								
					23	" "								
					24	" Rods								
					25	" "								
					26	" "								
					27	" Adjusting Nuts								
					28	" " "								
					29	" Safety Straps								
					30	" " "								
					31	" Heads								
					32	" "								
					33	" Shoes								
					34	" "								
					35	" " Key								
					36	" " Spring								
					37	"								
					38	" Cylinder								
					39	" " Heads								
					40	" " "								
					41	" " Gland								
					42	" " " Nut								
					43	" " Support								
					44	" Piston								
					45	" " Rod								
					46	" " Follower								
					47	" " Rings								
					48	" Push Rod								
					49									
					50									
					51									
					52									
					53									
					54									
					55									
					56									
					57									
					58									
					59									
					60									
					61									
					62									

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 21—BUMPERS								
						1	Bumper Arrangement								
	P					2	" —Front & Drilling	1	212-A-185 Alco 212-S-104820	Plate	✓				
						3	" Knee								
						4	" "								
						5	" Brace								
						6	" "								
						7	" Push Pole Pocket								
8-50	P					8	" Deck Plate Arrgt.	1 Set	213-A-123 Alco 213-S-47630						
8-54	P					9	" " "	1	213-B-123 Alco 213-S-47631	Diamond Patt. Plate	✓				
8-55	P					10	" " " Support	1-R 1-L	213-A-124 Alco 213-S-47640	Plate	✓				
8-56	P					11	" [redacted] " "	1-R 1-L	213-B-124 Alco 213-S-47641	Angle & 1020 Bar Furn. Complete	✓				
8-57	P					12	" " " "	1	213-C-124 Alco 213-S-47642	1020 Bar Furn. Complete	✓				
8-51	P					13	" " [redacted] "	1	213-E-124 Alco 213-S-47644	1020 Bar	✓				
8-52	P					14	" " " "	2	213-F-124 Alco 213-S-47645	1020 Bar	✓				
8-53	P					15	" " " " Angle	1	213-H-124 Alco 213-S-47646	Angle	✓				
	P					16	" " " Welt Bar	1	213-J-124 Alco 213-S-47647	1020 Bar	✓				
30-25	P					17	" Step Support	1-R 1-L	213-D-124 Alco 213-S-47643	1020 Bar	✓	213-D-124			
	P					18	" [redacted] Plate Welt Bar	1	213-K-124 Alco 213-S-47648	1020 Bar	✓				
						19	" Crosstie								
						20	" Bracket								
						21									
						22									
						23									
						24									
						25	**GROUP 22—CAB**								
9-1	P	Last 10 Locos With F.W. Htrs.				26	Cab	1	228-A-28 Alco 228-S-27160	Plates, Angles & Bars Roof & Sides Wood Lined.	✓				
9-5	P					27	" Material Bill - Plates	1 Set	22-MO-93 Alco 221-S-87600		✓				
9-7	P	1st. 10 Locos. Without F.W. Htrs.				28	Cab	1	228-B-28 Alco 228-S-27161	Plate, Angles & Bars. Roof & Sides Wood Lined.					
						29									
						30									
						31									
						32	**GROUP 23—CAB DETAILS**								
	P					33	Cab Angle—Roof	1 Set	228-A-28 Alco 228-S-27160	Angle Iron	✓	228-A-28			
						34	" Tee Iron								
						35	" Corner Iron								
						36	" " Bracket								
9-26	P					37	" Gutter - over Side Windows	2	232-A-1253 Alco 232-S-95139	Steel Rt.	✓				
						38	" Roof Brace								
9-14	P					39	" Knee	2	232-A-1242 Alco 232-S-910631	Plate	✓	232-A-1242			
9-25	P					40	" Side Window [redacted] Majestic.	2-R 2-L	Majestic Co. Dwg. 15-133-1	Ord. In P.D. Complete					
						41	" " " "								
10-25	P					42	" " " [redacted] Stop Arrgt.	1-R 1-L	233-A-523 Alco 243-S-35170	Bar Steel	✓				
10-23	P					43	" " " Stop	2	232-A-1252 Alco 242-S-35150	C.R. Steel 1020 Bar	✓	232-A-1252			
10-24	P					44	" " " [redacted] " Guide	2	232-B-1252 Alco 242-S-35151	Steel Plate	✓	232-B-1252			
						45	" " " " Guides								
	P					46	" " " Wind Shield R.S.	1	"Prime" Prime S.C.-848	Narrow Type Ord. In P.D.					
						47	"								
						48	" Storm Window Arrangement								
						49	" " " Frame								
						50	" " " Sash								
						51	" " " Dog								
9-15	P					52	" Reach Rod Cutout Dwg.	1 Set	232-A-1258 Alco 232-S-911930						
						53	" Vestibule Window								
						54	" " " Plate								
						55	" " " Frame								
						56	" " " Lift								
						57	" " " Spring								
9-28	P					58	" Clear Vision Window	1-R 1-L	"Prime" Shop Cd. 8-33	Ord. In P.D.					
						59	" Smoke Inspection Window								
						60	" " " " Frame								
9-29	P ✓ Cancelled S/V					61	" Clear Vision Window	1 Set	~~232-A-1230~~ Alco ~~232-S-703010~~	Ord. Dwg. Only. Do Not Schedule					
						62									

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 23—CAB DETAILS (Cont.)								
						1	Cab Side Door Window								
						2	" " " " Frame								
						3	" " " " Plate								
						4	" " " " Lift								
						5	" " " " "								
						6	" " " " Spring								
						7	" " " " Stop								
						8	"								
						9	"								
9-30	B					10	" Back Window 232-B 1234	2	Alco 232-S-703021	Safety Glass & Wood	✓				
9-30	B✓					11	" " " Plate Top & Bott - Sides - 232-B-1234	2 Set	Alco 232-S-703021	Plate	✓				
						12	" " " Frame								
						13	" " " Lift								
						14	" " " Spring								
						15	" Cover Plate (For throttle Rod) 232-A-1291	1-Set	Alco 232-S-907550	Furn. Complete Steel	✓	} Ord. For Future			
						16	" " " Guides 232-A-1291	2	Alco 232-S-907550	Steel	✓	} Not Applied on C.O. 1200			
						17	" Door—Front								
						18	" " Hinges								
						19	" " Fixture								
						20	" " " Bracket								
						21	" " " "								
						22	" " " Slide								
						23	" " " " Rod								
						24	" " " Clamp								
						25	" " " " Rod								
						26	" " " " " Bracket								
						27	" " " " " Eye Bolt								
						28	"								
						29	"								
9-44	B					30	" Door—Side	233-A-522	1-R Alco 233-S-703130	Plate	✓				
9-44	B✓					31	" " Hinges	233-A-522	1-L Alco 233-S-703130	Furn. Top Trim - Bars - 1020 Steel - Ord. In P.D.		3½" x 32½" Lg.			
10-36	B					32	" " Latch	232-A-1251	4 Alco 242-S-35160	Drilled					
10-39	B					33	" " ~~Bracket~~ Catch	232-D-1251	2 Alco 242-S-35163	Plate	✓	232-A-1251			
10-38	B					34	" " " Handle	232-C-1251	1-R Alco 242-S-35162	Bar Steel. Welded Construction	✓				
10-37	B					35	" " " Pin	232-B-1251	2 Alco 242-S-35161	1020 Bar	✓	232-C-1251			
						36	" " " " Washer			1020 Bar Furn. Nut					
9-43	B					37	" " Arrgt.	233-A-521	1-Set-R Alco 1-Set-L 233-S-703100	Furn. Washers					
9-45	B					38	" " Brkt.	232-A-1250	1-R Alco 1-L 232-S-703140	Furn. Gussets Plate	✓				
9-34	B					39	" Door—Back Arrgt.	234-A-122	1-Set Alco 234-S-702980						
9-35	B					40	" " ~~Hinge~~ " - R.S.	233-A-519	1 Alco 233-S-702991	Plate	✓				Rev. "Y" For Future
9-36	B					41	" " ~~Handle~~ " - L.S.	233-A-520	1 Alco 233-S-703001	Plate	✓				Rev. "Z" For Future
10-20	B					42	" " " Bar Top - R.S.	232-D-1241	1 Alco 242-S-35113	1020 Bar	✓				
10-21	B					43	" " " ~~Bracket~~ " " - L.S.	232-E-1241	1 Alco 242-S-35114	1020 Bar	✓				
10-19	B					44	" " ~~Latch~~ " - Top Guard	232-C-1241	1 Alco 242-S-35117	Plate	✓				
10-22	B					45	" " " - Runner	232-A-1240	1 Alco 242-S-35012	Angle	✓				
	B					46	" " ~~Lock~~ - Handle - Outside		4 P. & F. Corbin #01143½	Ord. In P.D.					
10-16	B					47	" " " - Handle - Inside	232-A-1238	2 Alco 242-S-34320	1020 Bar	✓	232-A-1238			
9-32	B✓					48	" " - Sheave	232-~~A~~B-1235	4 Alco 232-S-71932 3	1020 Bar	✓				
9-33	B✓					49	" " - " Shoulder Bolt	232-~~A~~B-1235	4 Alco 232-S-71932 3	1020 Bar	✓				
10-13	B					50	" ~~Guide Safety Chain Engineer~~ - Rear Stop	232-A-1239	1-R Alco 1-L 242-S-34330	1020 Bar Furn. Complete	✓	232-A-1239			
10-14	B					51	" " " " Guide	232-B-1239	4 Alco 242-S-34331	1020 Bar	✓				
10-15	B					52	" " " " ~~Guide Right~~ Handle	232-C-1239	1 Alco 242-S-34333	1020 Bar	✓	232-C-1239			
10-17	B					53	" " " ~~Hook~~ Bottom Guide - L.S.	232-A-1241	1 Alco 242-S-35110	Plate	✓				
10-18	B					54	" " " " ~~Guide~~ " - R.S.	232-B-1241	1 Alco 242-S-35111	Plate	✓				
						55	" " " " " Support								
	A					56	" " " ~~Hook~~ Window	232-B-1234	2 Alco 232-S-703021	Safety Glass & Wood	✓				
	B					57	" " " " R.S. Top, Bott. & Sides	232-B-1234	2-Set Alco 232-S-703021	Plate	✓				
10-2	B					58	" Arm Rest	232-A-1236	1-R Alco 1-L 242-S-28550	Wood	✓				
10-2	B					59	" " " Support	232-A-1236	2 Alco 242-S-28550	#16 Plate	✓				
10-2	B					60	" Arm Rest Hinges		4 2½" x 2½" Stanley #850	Ord. In P.P. Blank					
						61	" " " Support								
						62									

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE		No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 23—CAB DETAILS (Cont.)									
9-38	B					1	Cab Ventilator—Center	234-A-123	1	Alco 234-S-56120	#12 Plate & Bar steel	✓	Furn. Complete			
	B					2	" " - Chain & Rigging Cotter	234-A-123	1 Set	Alco 234-S-56120	Ord. In P.D.					
	B					3	" " Rod Washer [redacted]	234-A-123	1	Alco 234-S-56120	3/4" steel Washer -		Drill as shown			
						4	" " Slide Rail									
10-50	B					5	" " Operating Gear	232-A-1247	1	Alco 242-S-35140	1020 Bar	✓				
10-49	B	✓				6	" " " " Rack	232-A-1245 D	1	Alco 242-S-32840	C.R. Steel Bar 1020	✓				
10-54	B				S	7	" " " " Bracket	232-A-1248	1-R 1-L	Alco 232-S-50098	1020 Bar	✓	232-A-1248			
10-53	B				S	8	" " " Handle Support	232-B-1247	1	Alco 242-S-35141	1020 Bar	✓	232-B-1247			
10-52	B					9	" " " Rod	232-C-1247	1	Alco 242-S-35142	C.R. Steel Bar	✓				
10-51	B					10	" " " " Univ. Joint		1	Hancock #2 Mall. Iron	Ord. In P.D.					
						11	" " " " " " Block									
10-59	B					12	" " Handle "Crane"		1	A.A.R. Std. 2" Valve Handle - 6" Dia.	Ord. In P.D.					
9-11	B				S	13	" " Ceiling Brkt.	232-A-1249	1	Alco 232-S-99177	Weld Bolts In 1020 Bar	✓	232-A-1249			
						14	"									
						15	"									
						16	"									
						17	"									
						18	" Ventilator—Side									
						19	" " Frame									
						20	" " Bar									
						21	" " Handle									
						22	" " Netting									
						23	" " " Support									
						24	"									
						25	"									
						26	" Ventilator—Side									
						27	" " Handle									
						28	" " " Latch									
						29	" " " " Fulcrum									
						30	" " " " Spring									
						31	" " Quadrant									
						32	" " " Support									
						33	" " Pins									
						34	" " "									
						35	" " "									
						36	"									
						37	"									
						38	" Vestibule Partition									
						39	"									
						40	"									
						41	"									
						42	" Wind Deflector									
						43	" " " Support									
						44	" " " "									
						45	"									
						46	" Brace									
						47	" " Foot									
						48	" " " Pin									
9-13	B					49	" Apron Hinge Arr'g't.	232-A-1256	2 Set	Alco 232-S-42090	Furn. & Apply Lock Washers					
9-9	B					50	" Apron Hinge	232-A-1254	2	Alco 232-S-42061	1020 Bar	✓	232-A-1254			
9-8	B					51	" Apron Hinge	232-A-1073	2	Alco 232-S-4910					L-23-S-357	
9-10	B					52	" " " Link	232-B-1256	2	Alco 232-S-42091	1020 Bar	✓	232-B-1256			
9-7	B					53	" "	232-A-1255	1	Alco 232-S-42080	Diamond Patt. Plate	✓				
9-18	B					54	" Bracket	232-A-1244	1	Alco 232-S-200320	Plate	✓				
9-18	B					55	" " Angle - Drill R. & L.	232-A-1244	1-R 1-L	Alco 232-S-200320	Angle	✓				
						56	"									
						57	"									
9-21	B					58	" Saddle	232-A-1233	2	Alco 232-S-11156	Angle	✓	232-A-1233	(Drill from Cab Dwg.)		
						59	" "									
						60										
						61										
						62										

	APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
						GROUP 23—CAB DETAILS (Cont.)								
					1	Cab Side Step								
					2	" " " Tread								
					3	"								
					4	"								
					5	"								
					6	" Tool Box								
					7	" " "								
					8	" " " Handle								
					9	" " " Clip								
					10	"								
					11	"								
					12	"								
					13	"								
					14	"								
					15	"								
10-29	P				16	" Seat (Engineer) ~~(Fireman)~~		232-A-1231	1-R Alco 1-L 242-S-28570	Wood-Furn. Complete				
10-30	P				17	" " Cushion		232-A-1231	1-R Alco 1-L 242-S-28570	Wood Base, Covered with Curled Hair & Plastic "Cavalon". Matl. Ord. In P.D.				
					18	" " Frame								
					19	" " Adjusting Rack								
	P				20	" " Hinge	4	6" Strap Hinges Stanley #902		Ord. In P.D.				
	P				21	" " [redacted] Hasp	2	4½" Hinge Hasp Stanley #912		Ord. In P.D.				
					22	" " Rod								
					23	" " Spring								
					24	" " " Seat								
					25	" " " " Latch								
					26	" " " " Pin								
					27	" " Support								
10-31	P				28	" " Back Cushion	2	232-A-1231	Alco 242-S-28570	Wood Base, Covered with Curled Hair & Plastic "Cavalon" - Matl. Ord In P.D.				
10-32	P				29	" " " " Support	2	232-A-1232	Alco 242-S-26796	Plate ¼" Thk. (Drill to Seat Dwg.)				
	P				30	" " " " " Plate	2	232-A-1231	Alco 242-S-28570	Plate ⅛" Thk. ✓				
					31	"								
					32	"								
					33	" Seat (Fireman)								
					34	" " Cushion								
					35	" " Frame								
					36	" " Adjusting Rack								
					37	" " Hinge								
					38	" " Post								
					39	" " Rod								
					40	" " Spring								
					41	" " " Seat								
					42	" " " " Latch								
					43	" " " " Pin								
					44	" " Support								
					45	" " Back Cushion								
					46	" " " " Support								
					47	" " " " " Plate								
					48	"								
					49	"								
					50	" Seat (Brakeman)								
					51	" " Cushion								
					52	" " Hanger								
					53	" " " Bracket								
					54	" " Hinge								
					55	" " " Bracket								
					56	" " " "								
					57	" " " "								
					58	" " " "								
					59	" " " Pin								
					60	" " " Rod								
					61									
					62									

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	NO. PCS.	DRAWING CARD NO.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 23—CAB DETAILS (Cont.)								
						1	Cab Awning								
						2	" " Rod								
						3	" " " Supports								
						4	"								
						5	"								
						6	" Curtain Arrangement								
						7	" " —Back								
						8	" " Rod —Back Curtain								
						9	" " Hooks — " "								
						10	" " Eye Bolts — " "								
						11	" " Rings — " "								
						12	" "								
						13	" "								
						14	" "								
						15	" "								
						16	" " —Hood								
						17	" " Hooks —Hood Curtain								
						18	" " Eye Bolts — " "								
						19	" "								
						20	" "								
						21	" "								
						22	" "								
						23	" " —Side								
						24	" " Slide Rod —Side Curtain								
						25	" " Anchor Rod — " "								
						26	" " Hooks — " "								
						27	" " " Bolts — " "								
						28	" " Eye Bolts — " "								
						29	" " Rings — " "								
						30	" " (Drop Curtain)								
						31	"								
						32	"								
						33	"								
						34	" Flag, Fusee and Torpedo Box								
						35	" " " " " " Support								
						36	"								
						37	"								
						38	" Inspection Card Frame—Large								
						39	" " " " —Small								
						40	" " " " Location								
						41	"								
						42	" Luggage Rack								
						43	" " " Slats								
						44	" " " "								
						45	" " " "								
						46	" " " Brace								
						47	" " " "								
						48	" " " Support								
						49	" " " "								
						50	" " " Frame								
						51	"								
						52	"								
						53	"								
						54	" Radiator Support								
						55	"								
						56	"								
						57	"								
						58	" Train Order Hook								
49-55						59	" Firing Deck - Furnish Complete	233-A-524	1	Alco 713-S-900000 Plate, Bars & Angles. Wood Covered ✓		(Trap Door & Gangway Plate Diamond Pattern)			
49-56						60	" " " Supports	232-A-1257	1	Alco 712-S-900010 Angle ✓		232-A-1257 - Rev "Z" For Future.			
"						61	" " " Hinges		2	4"x4" Butt Hinge - Steel - Blank Stanley #850 Ord. In P.D.					
						62	" " " Angles								

	APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
						GROUP 24—BOOSTER AND DETAILS								
					1	Booster								
					2	"								
					3	" King Pin Arrangement								
					4	" " " Ball Seat								
					5	" " "								
					6	" " " Washer								
					7	" " " Spring								
					8	"								
					9	"								
					10	" Pilot Valve Arrangement								
					11	" " " Bracket								
					12	" " " Operating Latch								
					13	" " " Trigger								
					14	" " " " Catch								
					15	" " " Idling Valve Handle								
					16	"								
					17	"								
					18	" Preliminary Valve Bracket								
					19	"								
					20	" Throttle Valve Support								
					21	" " " " Brace								
					22	" " " " "								
					23	" " " " Bushings								
					24	"								
					25	" Timing Reservoir Supports								
					26	" " " " Blocks								
					27	"								
					28	" Manifold Bracket								
					29	"								
					30	" Flexible Hose Spacer								
					31	"								
					32	" Swing Pipe Guide Rod—R.S.								
					33	" " " " " —L.S.								
					34	" " " " " Nuts								
					35	" " " " " Jaws								
					36	" " " " Clamps								
					37	" " " " " Blocks								
					38	" " " " Lug								
					39	" " " " "								
					40	" " " Lock Ring								
					41	"								
					42	" Live Steam Pipe Elbow								
					43	" " " " " Joint Ring (Bet. Elbow and Cylinder)								
					44	" " " " Connection								
					45	" " " " Flange								
					46	" " " " "								
					47	" " " " "								
					48	" " " " "								
					49	" " " " "								
					50	" " " " "								
					51	" " " " "								
					52	" " " " "								
					53	" " " " Joint Ring								
					54	" " " " " "								
					55	" " " " " "								
					56	" " " " " "								
					57	" " " " " "								
					58	" " " " " "								
					59	" " " " " "								
					60	" " " " " "								
					61									
					62									

APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
					GROUP 24—BOOSTER AND DETAILS (Cont.)								
				1	Booster Exhaust Pipe Elbow								
				2	" " " Flange								
				3	" " " "								
				4	" " " "								
				5	" " " "								
				6	" " " "								
				7	" " " "								
				8	" " " "								
				9	" " " "								
				10	" " " Joint Ring								
				11	" " " " "								
				12	" " " " "								
				13	" " " " "								
				14	" " " " "								
				15	" " " " "								
				16	" " " " "								
				17	" " " " "								
				18	" Slip Joint								
				19	" " " Gland								
				20	" " " Joint Ring								
				21	"								
				22	" Live Steam Choke —Prelim. Valve Line								
				23	" " " " —Lubricator								
				24	" " " " Nut — "								
				25	" " " " Swivel — "								
				26	" " " " , —Steam Gauge Line								
				27	" " " " Nut								
				28	" " " " Swivel								
				29	" " " " —at Steam Gauge								
				30	" " " " Fitting " "								
				31	" " " " " Nut " "								
				32	" " " " " Swivel " "								
				33	"								
				34	" Gauge Fitting —at Gauge								
				35	" " " Nut " "								
				36	" " " Swivel " "								
				37	" " " —in line								
				38	" " " Nut " "								
				39	" " " Swivel " "								
				40	"								
				41	"								
				42	"								
				43	" Throttle Valve Drain Fitting								
				44	" " " " " Nut								
				45	" " " " " Swivel								
				46	"								
				47	" Oil Pipe Fitting								
				48	" " " " Nut								
				49	" " " " Swivel								
				50	"								
				51	"								
				52	"								
				53	"								
				54	"								
				55	"								
				56	"								
				57	"								
				58									
				59									
				60									
				61									
				62									

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE		No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 26—COCKS AND VALVES									
	P ✓					1	Air Pump Steam Valve	—Turret	1	~~1/4~~ 1" AAR. Angle	Furn. With Brk. Equipt.		Male Inlet, Fem. Union Outlet Fixed Handle			
						2	" " " " Extension									
						3	" " " " —at Pump									
						4	" " " " —" "									
11-28	P					5	Valve List	262-A-540	1-Set	Alco 252-S-93380						
	P					6	Ash Pan Flusher Valve	Turret	1	1" 1/4 AAR. Angle	Ord. In P.D.		Male Inlet, Female Union Outlet Fixed Handle			
	P					7	Ash Pan ~~Wet Drain~~ Valve		1	1" "Nathan" 1/4 Globe	Furnished With Flusher Equipt.					
	P					8	" " " "		1	2" "Nathan" Globe	" "		With Univ. Joint & Loose Handle.			
17-36	P					9	Ash Pan Valve Ext. Rod	262-A-541	1	Alco 282-S-98810	1020 Bar	✓				
						10	Back Pressure Gauge Valve									
						11	" " Line Valve									
						12										
						13	Bell Ringer Valve									
						14										
						15										
						16	Booster Valve (Preliminary Valve Line)	—Turret								
						17	" " Extension									
						18	"									
						19	" Throttle Valve									
						20										
						21										
	P					22	Blower Valve - Shut-off	[redacted]	1	1" 1/4 Angle Alco	Crane Special 1871-P - 400# C.S. Body		Female Inlet, Fem. Union Outlet Fixed Handle	For Superheated Steam - Ord. In P.D.		
17-37	P					23	" " Extension Rods	262-~~A~~ B-542	1-Set	282-S-9742 9	1020 Bars	✓				
	P					24	" "	—Line	1	1" 1/4 Globe	Crane 376-P - 400# C.S. Body		Stem For #2 Univ. Jt. - Loose Handle	For Superheated Steam - Ord. In P.D.		
						25										
						26										
						27	Blowdown Valve	—in Dome								
						28	" " Extension									
						29										
						30										
						31	Blowoff Cock		2							
						32	" " Cap									
						33	" " Plug									
						34	" " Nut									
						35	" " Washer									
						36	" " Handle									
						37	" " Joint Ring									
						38	" " Extension									
						39	" " Flange									
						40	" " Sludge Remover Tube									
						41	" " " " " Collar									
						42										
						43										
	P					44	Blowoff Cock	"Okadee" Type FSD-Z"	2	Dwg. No. 1433-F	Steel Body Ord. In P.D					
						45	" " Cap									
						46	" " Plug									
						47	" " Nut									
						48	" " Washer									
	P					49	" " Handle	"Okadee" N-1180	2	Dwg. No. 12593 - Style #4	Forged. Ord. In P.D.					
14-50	P					50	" " Joint Ring	792-A-233	2	Alco 262-S-10330					Steam Bronze L-26-S-2103.	
						51	" " Extension									
13-41	P ✓					52	" " Flange Drilling	262-A-528	1-Set	Alco 262-S-10320	Ordering Dwg.		For 1st. Cr. Cock			
13-42	P					53	" " ~~Steam Pressure Tube~~	262-B-528	1-Set	Alco 262-S-10321	Ordering Dwg.		For Throat Cock			
						54	" " " " " Collar									
						55										
						56	Blowoff Cock Piping Valve									
						57	" "									
	P					58	" " Muffler	"Okadee"	2	Dwg. No. 12410 Style #2	Ord. In P.D.					
						59	" " " Shield									
						60										
						61										
						62										

	APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
						GROUP 26—COCKS AND VALVES (Cont.)								
					1	Cab Heater Valve —Turret								
					2	" " " Extension								
					3	" " " —Line								
					4									
					5									
P					6	Coal Sprinkler Valve - Steam - "Nathan"	1	1/2" Globe	Furnished With Coal Sprinkler Equip't.					
P					7	" " " - Control - "Nathan"	1	1/2" Globe	" " " " "					
					8	" " " Hose								
					9	" " " " Nipple								
					10									
					11									
					12	Cutoff Control Gauge Valve								
					13									
					14									
P					15	Cylinder Cock "Okadee" C.C-178 Auto.	4	Dwg. No. 267-B	1 1/4" Size Ord. In P.D.					
					16	" " Body								
					17	" " Shank								
					18	" " Valve								
					19	" " Nipple								
14-53	P				20	" " Extension	4	1 1/4" Ex. Hv. Pipe Nipple - Length to Suit.						
					21									
P					22	Cylinder Cock Operating Valve "Okadee"	1	Dwg. No. 12595, Style #2	Ord. In P.D.					
					23									
					24									
					25	Cylinder Safety Valve								
					26									
					27									
					28	Drain Valves—Booster								
					29	" " —Blower Line								
					30	" " —Blowoff Cock Piping								
					31	" " —Cylinder Exhaust								
					32	" " —Drifting Valve								
					33	" " —F.W.H. Condensate Drain								
					34	" " — "								
					35	" " — "								
					36	" " — "								
					37	" " — "								
					38	" " —Injector Check								
					39	" " —Power Reverse								
					40	" " —Soot Blower								
					41	" " —Stoker								
					42	" " —Water Column								
					43	" " —Water Glass								
					44	" " —Water Circulator								
					45	" " —Exhaust Steam Injector								
P					46	" " - Ash Pan Flusher	1	1" Lunk. #476	Dwg. - 3067 Ord. In P.D.					
P		10 Engs. Only Without F.W.Htrs.			47	" " - Inj. Del.	2	1" A.A.R. Globe	Fixed Handle Ord. In P.D.					
P		10 Engs. Only With F.W.Htrs.			48	" " - Inj. Del.	1	1" A.A.R. Globe	Fixed Handle Ord. In P.D.					
					49									
					50	Drifting Valve								
					51	" " Main Steam —Turret								
					52	" " " " Extension								
					53	" " Blowdown								
					54	" " Check Valve								
					55	" " Shutoff Valve								
					56									
					57									
P					58	Dynamo Valve —Turret	1	1" A.A.R. Angle	Ord. In P.D.			Male Inlet, Fem. Union Outlet. Fixed Handle		
					59	" " Extension								
P					60	" " —Line	1	1" A.A.R. Globe	Fixed Handle Ord. In P.D.					
					61									
					62									

	APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. O.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
						GROUP 26—COCKS AND VALVES (Cont.)								
P	10 Engs. Only With F.W. Htrs.				1	Feed Water Heater Main Steam Valve —Turret	1	1¼" AAR. Angle	Male Inlet, Female Union Outlet		Fixed Handle Ord. In P.D.			
P	10 Engs. Only With F.W. Htrs.				2	" " " Throttle Valve —Line	1	1¼" AAR. Globe	Plug Seat - Fixed Handle Ord. In P.D.					
					3	" " " Control Valve								
					4	" " " Suction Heater Valve —Turret								
					5	" " " " " " —Line								
					6	" " " Discharge Heater Valve								
					7	" " " " Check								
					8	" " " Pressure Gauge Valve								
					9	" " " Sprinkler Valve								
					10	" " " Hot Pump Steam								
					11	" " " Cold Pump Delivery Line Check								
					12	" " " Air Valve								
P	10 Engs. Only With F.W. Htrs.				13	" " " Check Valve	1	2" Swing Type	Ord. In P.D.					
					14	" " " Exhaust Valve								
					15	" " " Relief Valve								
					16	" " " Suction Line Vent Cock								
P	10 Engs. Only With F.W. Htrs.				17	" " " Drain Cock	2	West. Pc. # 99085, ½"	Ord. In P.D.					
P	10 Engs. Only With F.W. Htrs.				18	" " " Valves	2	1" 2 AAR. Globe	Fixed Handle Ord. In P.D.					
					19									
					20									
					21									
P					22	Firedoor Valve	1	1" 4 AAR. Globe	Fixed Handle Ord. In P.D.					
					23	" Needle Valve								
					24									
					25									
					26	Grate Shaker Valve								
					27									
					28									
					29									
P					30	Injector Steam Valve - R.S. —Turret	1	Nathan Dwg. 960-A	Type 1918 - 2" Ord. In P.D.					
P	1st. 10 Engs. Without F.W. Htrs.				31	" " " - L.S. - Turret	1	Nathan Dwg. 960-A	Type 1918 - 2" Ord. In P.D.					
					32	"								
P					33	" Starting Valve - R.S.	1	Nathan Dwg. 2054	Type 1921 - 2" Ord. In P.D. Complete With Oper. Rigging					
P	1st. 10 Engs. Without F.W. Htrs.				34	" Starting Valve - L.S.	1	Nathan Dwg. 2054	Type 1921 - 2" Ord. In P.D. Complete with Oper. Rigging					
					35									
					36	Injector Starting Valve Rod								
					37	" " " " Jaw								
					38	" " " Lever								
					39	" " " Link								
					40	"								
					41	"								
P	10 Engs Only With F.W. Htrs.				42	" Heater Valve	1	⅜" AAR. Globe	Ord. In P.D. Fixed Handle					
P	10 Engs. Only Without F.W. Htrs.				43	" " "	2	⅜" AAR. Globe	Ord. In P.D. Fixed Handle					
					44									
					45									
					46									
					47	Exhaust Steam Injector Valve (Turret)								
					48	" " " Steam Heat Valve								
					49									
					50	Journal Cooler Valve								
					51	" " "								
					52									
					53									
					54	Lubricator Valve (Hydrostatic Lubricator) —Turret								
					55	" " Extension								
					56	" "								
					57	" "								
P					58	" Atomizer [redacted] Valve (Mechanical Lubricator)—Turret	1	½" AAR. Angle	Male Inlet, Female Union Outlet for Cop. pipe -		Fixed Handle Ord. In P.D.			
					59	" " " (" ")								
					60									
					61	Low Water Alarm Valve								
					62									

	APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE		NO. PCS.	DRAWING CARD NO.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH NO.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
						GROUP 26—COCKS AND VALVES (Cont.)									
					1	Oil Burner Steam Valve									
					2	" " Control to Oil Tank Heater									
					3	" " " " Engine Heater									
					4	" " " for Blowback									
					5	" " " to Atomizer									
					6	" " Check Valve									
					7										
					8										
					9	Power Reverse Valve	—Turret								
					10	" " "	—Line								
					11	" " Cutout Cock									
					12	" " " "									
					13	" " Check Valves									
					14	" " Dirt Collector									
					15										
					16										
P					17	Rail Washer Valve		1	1/2" AAR. Globe	Fixed Handle Ord. In P.D.					
					18										
P					19	Sander ~~Valve~~ Cut Out Cock		1	3/8" W.A.B. Co. P.# 500291	Ord. In P.D.					
					20										
					21										
					22	Soot Blower Steam Valve									
P					23	Steam Heat Valve Gasket		1	Copper 1/8" Thk. x 1 3/16" O.D. x 3/4" I.D.	For Future Ord. to Cd 262-B-539 Should be Ord. In P.D.					
P					24	Steam Heat Valve	—Turret	1	1 1/2" AAR. Angle	Male Inlet, Female - Union Outlet		Fixed Handle Ord. In P.D.			
P					25	" " " ~~Extension~~	Line	2	2" AAR. Globe	Fixed Handle - Ord. In P.D.					
P					26	" " Reducing Valve	Vapor Car Heating Co.	1	Dwg. No. 40042-K	#235, 1 1/2" x 2" Ord. In P.D.					
P					27	" " Cut Off Valve	Magnus Brass Co.	1	Dwg. No. A-1313	L.H. Valve Ord. In P.D.		Assy. A-2077 Complete			
P					28	" " Drain Cock	262-A-539	1	Alco 252-S-50330	Steam Metal Ord. In P.D.					
P					29	Steam Gauge Cock	262-A-531	1	Alco 252-S-50320						Steam Br. L-25-A-48
					30	" " " Cap									
P					31	" " " Plug	262-A-531	1	Alco 252-S-50320	Furn. Stick Br. Washer & Nut					Steam Br. L-25-A-49
					32	" " " Spring									
					33	" " " Swivel									
					34	" " " " Nut									
					35	" " " Washer									
					36	" " " Extension									
					37										
					38										
P					39	Stoker Main Steam Valve	—Turret	1	1 1/2" AAR. Angle	Male Inlet, Female - Union Outlet		Fixed Handle Ord. In P.D.			
P					40	" Throttle "		1	1/2" AAR. Globe	Fixed Handle - Ord. In P.D.					
P					41	" Booster "		1	1 1/4" AAR. Globe	Fixed Handle - Ord. In P.D.					
P					42	" Jet "		1	1" AAR. Globe	Fixed Handle - Furn. With Stoker Equip't.					
P					43	" " Manifold		5	3/8" AAR. Globe	Fixed Handle - Furn. With Stoker Equip't.					
					44										
					45										
P					46	Test Gauge Cock	"Prime"	1	S.C. 937-3 Style #2	Ready to Apply Ord. In P.D.					
					47	" " " Cap									
					48	" " " Plug									
					49	" " " Spring									
					50	" " " Swivel									
					51	" " " " Nut									
					52	" " " Washer									
					53	" " " Extension									
					54										
					55										
					56	Water Circulator Valve									
					57	" " Check Valve									
					58										
					59										
					60	Whistle Shutoff Valve									
					61										
					62										

	APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	NO. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
						GROUP 26—COCKS AND VALVES (Cont.)								
					1	Universal Joint—Feed Pump Operating Rod Arr'g't.								
					2	" " Rod								
					3	" " Handle								
					4	" "								
					5	" " Block								
					6	" " Gear								
					7	" " " Box								
					8	" " " " Bracket								
					9									
					10	Universal Joint								
					11	" " Block								
					12	" " Rod								
					13									
					14	Universal Joint								
					15	" " Block								
					16	" " Rod								
					17									
					18	Universal Joint								
					19	" " Block								
					20	" " Rod								
					21									
	P				22	Universal Joints	Blower Oper. Rod	2	Hancock #2	Ord. In P.D.				
					23									
					24									
					25									
					26									
					27									
					28									
					29									
					30									
					31									
					32									
					33									
					34									
					35									
					36									
					37									
					38									
					39									
	P				40	Valve Name Plate - M.O.		26-MO-19	1-Set	Marked In Polish Ord. In P.D.	(See below for cd. nos.)			
	P				41	" " "		262-A-532	1-Set	Alco 262-S-92630 Ord. In P.D. to Mat'l. Order				
	P				42	" " "		262-A-533	1-Set	Alco 262-S-92640 " " "				
	P				43	" " "		262-A-534	1-Set	Alco 262-S-92650 " " "				
14-23-24	P				44	" " "		262-A-535	1-Set	Alco 262-S-92660 " " "				
24-46	P				45	" " "		262-A-536	1	Alco 262-S-92670 " " "				
14-47	P				46	" " "		262-A-537	1	Alco 262-S-92680 " " "				
	P				47	10 Engs. With F.W. Htrs. " " "		262-A-546	1	Steel Rr. Stamped ✓	For Future Use Lima 262-A-547 Alco 262-S-92750			
	P				48	10 Engs. Without F.W. Htrs. " " "		262-A-546	2	Steel Rr. Stamped ✓				
					49									
					50									
					51									
					52									
					53									
					54									
					55									
					56									
					57									
					58									
					59									
					60									
					61									
					62									

	APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
						GROUP 26—COCKS AND VALVES (Cont.)								
					1									
					2									
					3									
					4									
					5									
					6									
					7									
					8									
					9									
					10									
					11									
					12									
					13									
					14									
					15									
					16									
					17									
					18									
					19									
					20									
					21									
					22									
					23									
					24									
					25									
					26									
					27									
					28									
					29									
					30	GROUP 27—COCKS AND VALVES								
	B				31	Gauge Cock "Nathan"	3	Nathan Dwg. 4895	Ready to Apply Ord. In P.D.					
					32	" " Valve								
					33	" " Cap								
					34	" " Stem								
					35	" " Gland								
					36	" " Nut								
					37	" " Handle								
					38	" " Extension								
16-9	B				39	" " Dripper 272-A-442	1	Alco 272-S-11273			L-27-S-2571			
					40									
					41									
					42									
					43									
					44									
					45	Water Column								
					46	" " Support								
					47	" " " Filler Block								
					48	" " Bottom Extension								
					49	" " " " Sleeve								
					50	" " " " Boss								
					51	" " Top "								
					52	" " " " Sleeve								
					53	" " Extension Sleeve Nuts								
					54	" " Plug								
					55									
					56									
					57									
					58	Water Gauge Leveling Bracket								
					59	" " " " U-Bolt								
					60									
					61									
					62									

	APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
						GROUP 27—COCKS AND VALVES (Cont.)								
					1	Water Gauge Guard —on Column—R.S.								
					2	" " Glass " "								
					3	" " " Rubber Gaskets " "								
					4	" " Escape Pipe Slip Joint " "								
					5	" " " "								
					6	" " Upper Fitting Valve Body " "								
					7	" " " " Cap " "								
					8	" " " " Gland " "								
					9	" " " " Handle " "								
					10	" " " " Nut " "								
					11	" " " " Stem " "								
					12	" " " " Stuffing Box " "								
					13	" " " " Washer " "								
					14	" " " " — " "								
					15	" " " " Nut " "								
					16	" " " " Swivel " "								
					17	" " " "								
					18	" " " "								
					19	" " " "								
					20	" " Lower Fitting Valve Body " "								
					21	" " " " Cap " "								
					22	" " " " Gland " "								
					23	" " " " Handle " "								
					24	" " " " Nut " "								
					25	" " " " Stem " "								
					26	" " " " Stuffing Box " "								
					27	" " " " Washer " "								
					28	" " " " — " "								
					29	" " " " Nut " "								
					30	" " " " Swivel " "								
					31	" " " "								
					32	" " " "								
					33	" " " "								
16-58	✓				34	Water Gauge Guard "Nathan" [redacted]	1	Dwg. No 4889-B	Special Type "L-2" Ord. In P.D.					
					35	" " Glass "								
					36	" " " Rubber Gaskets "								
16-56					37	" " Escape Pipe Slip Joint 272-A-443 "	1	Alco 272-S-202511	2" std. Pipe ✓					
11-57					38	" " " " " Set Screw 272-A-443 "	1	Alco 272-S-202511	1020 Hex. Bar ✓					
16-11-51 52	✓				39	" " Arrangement "Nathan" L-2 "	1-Set	Dwg. No. ~~4886-A~~ 4966	Ord. In P.D. Type 3954 Quick Acting Fittings Complete with ~~Cock Rigging~~ & Drain Valve-Nathan Dwg.# 2318					
					40	" " Upper Fitting Valve Body "								
					41	" " " " Cap "								
					42	" " " " Gland "								
					43	" " " " Handle "								
					44	" " " " Nut "								
					45	" " " " Stem "								
					46	" " " " Stuffing Box "								
					47	" " " " Washer "								
					48	" " " " — "								
					49	" " " " Nut "								
					50	" " " " Swivel "								
	✓	Last 15 Locos Only			51	" " Arrg't. 274-B-27 "	1-Set	Alco 274-S-202891	Furn. Pipe Thimble 1" Pipe x 1 1/4" Lg.	-(Use for Future)				
	✓	1st. 5 Locos. Only			52	" " " 274-A-27 "	1-Set	Alco 274-S-202890		(Do not use for future.)				
					53	" " " "								
					54	" " Upper Fitting —on Gauge "								
					55	" " " " Nut " " "								
	✓	1st. 5 Locos. Only			56	" " Location [redacted] " 272-A-451	1-Set	Alco 272-S-202870	Furn. Pipe Spacer 3/4" Std. Pipe x 4" Lg.	(Do Not use for future.)				
16-59	✓	Last 15 Locos. Only			57	" " Location B-451 272-A-444	1-Set	Alco 202871 272-S-202790	Furnish Pipe Spacer 3/4" Std. Pipe x 4" Lg.	(Use For Future.)				
	✓	1st. 15 Locos Only			58	" " Plug 662-A-204	1		Stick Brass ←	(Don't Order For Future - Fix Up Job)				
	✓	1st. 5 Locos. Only			59	" " Bracket 272-A-452	1	Alco 272-S-202880	1020 Bar ✓					
	✓	Last 15 Locos. Only			60	" " Support 272-B-452	1	Alco 272-S-202881	1020 Bar	✓ 272-B-452 (Do Not use for future.)				
					61	" " " 272-C-452	1	Alco 272-S-202882	1020 Bar	✓ 272-C-452 (Use For Future.)				
					62									

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	NO. PCS.	DRAWING CARD NO.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH NO.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 27—COCKS AND VALVES (Cont.)								
						1	Water Gauge Lower Fitting Valve Body —L. S.								
						2	" " " " Cap "								
						3	" " " " Gland "								
						4	" " " " Handle "								
						5	" " " " Nut "								
						6	" " " " Stem "								
						7	" " " " Stuffing Box "								
						8	" " " " Washer "								
						9	" " " " — "								
						10	" " " " Nut "								
						11	" " " " Swivel "								
						12									
						13									
						14									
						15	Water Gauge Flexible Drain Pipe								
						16	" " " " " Connection								
						17	" " Drain Outlet								
						18	" " " "								
						19									
						20									
						21									
						22	Valve Extension Handle Guide								
						23	" " " " Bracket								
						24	" " " " Support								
						25	" " " " "								
						26	" " " Support								
						27									
						28									
						29									
						30									
						31									
						32									
						33									
						34	GROUP 28—COCK RIGGING								
17-3	8					35	Blowoff Cock Rigging- Mud Drum		283-A-101	1-Set	Alco	283-S-17770			
17-2	8					36	" " ~~Lever~~ " - At Throat		283-A-103	1-Set	Alco	283-S-17810			
17-6	8					37	" " " Rod Brkt.		282-B-432	1	Alco	282-S-17801	1020 Bar	✓	
17-8	8					38	" " " ~~Rocker~~ " .		282-D-431	1	Alco	282-S-17763	1020 Bar	✓	282-D-431
17-7	8					39	" " " ~~Rod~~		282-C-431	1	Alco	282-S-17762	1020 Bar	✓	282-C-431
17-5	8					40	" " ~~Crank~~ "		282-A-432	1	Alco	282-S-17800	1020 Bar	✓	282-A-432
						41	" " " Arm								
						42	" " " " Bearing								
						43	" " " " "								
						44	" " " " "								
						45	" " " " Shaft								
						46	" " " " " Washers								
						47	" " Rod								
						48	" " "								
						49	" " "								
						50	" " " Guide								
						51	" " " Handle								
						52	" " Lever								
						53	" " "								
						54	" " " Support								
						55	" " " "								
						56	" " " Lock Pin								
						57	" " " Pin								
						58	" " " "								
						59	" " " "								
						60									
						61									
						62									

} Rev "Z" For Future (Not put in Shop)

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE		NO. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 28—COCK RIGGING (Cont.)									
7-32	f					1	Blowoff Cock Muffler Support - Ft.	282-A-430	1	Alco 182-S-92420	Plate	✓	282-A-430			
7-34	f					2	" " " " - Ft.	282-C-430	2	Alco 182-S-92422	1020 Bar	✓	282-C-430			
7-33	f					3	" " " " - Bk.	282-B-430	1	Alco 182-S-92421	Plate	✓	282-B-430			
	f✓					4	" " " Deflector	282-A-~~394~~ 435	2	Alco 632-S-93200	Plate	✓	282-A-~~394~~ 435			
						5										
						6	Cylinder Cock Rigging									
						7	" " Arm									
						8	" " "									
						9	" " Lever									
						10	" " "									
						11	" " " Fulcrum									
						12	" " Rod									
						13	" " "									
						14	" " " Support									
						15	" " " "									
						16	" " Shaft									
						17	" " " Hangers									
						18	" " " Bearing									
						19	" " Slide Bar									
						20	" " " " Connection									
						21	" " Treadle									
						22	" " " Shaft									
						23	" " " " Bearing									
						24	" " Operating Cylinder									
						25	" " " " Support									
						26	Oil Cock Rigging									
						27	" " Shaft									
						28	" " " Hanger									
						29	Oil Cock Rod Jaws									
						30	" " Arm									
						31	" " Lever									
						32	" " Rod									
						33	Main Reservoir Drain Cock Rigging									
						34	" " " " Lever									
						35	" " " " Bracket									
						36	" " " " Support									
						37										
						38	GROUP 29—CRANK PINS									
18-31/34	f			S		39	Crank Pin—Main (Fit Up R & L.)	292-A-375	1-R 1-L	Alco 292-S-109500	Med. Car. Steel Hollow Bored	✓	292-A-375			(Furn. & Apply Dowel Pin)
18-29	f			S		40	" " Front	292-A-377	2	Alco 292-S-109510	Med. Car. Steel	✓	292-A-377			(Furn. & Apply Dowels)
18-30	f			S		41	" " Ft. & Bk. Inter.	292-A-378	4	Alco 292-S-109520	Med. Car. Steel	✓	292-A-378			(Furn. & Apply Dowel)
18-32	f			S		42	" " Back	292-A-379	2	Alco 292-S-109530	Med. Car. Steel	✓	292-A-379			(Furn. & Apply Dowel)
						43	" " " Inter.									
						44	" "									
	f			S		45	" " Collars—Bolt - Ft.	292-A-377	2	Alco 292-S-109510	1020 Bar Whitworth Thds.	✓	292-A-377			(Slotted Whitworth Nut - Ord. In P.D.)
18-40-41	f			S		46	" " " Front	292-A-377	2	Alco 292-S-109510	1045 Steel	✓	Lima - 292-A-325 Alco - 292-S-104726			
18-38	f✓					47	" " " Ft. & Bk. Inter.	292-A-378	4	Alco 292-S-109520	Med. Car. ~~Bar~~ ~~1045~~ Steel	✓	292-A-378 Forge In Bar			
18-39	f					48	" " " Back	292-A-379	2	Alco 292-S-109530	Bar 1045 Steel	✓				
						49	" " " " Inter.									
						50	" "									
18-36	f			S		51	" " Nuts—Inter. Ft. & Bk. Inter.	292-A-378	8	Alco 292-S-109520	Mild Steel Casehardened		$3\frac{7}{8}$" Hex. Across Flats x $\frac{5}{8}$" Thk. - Finished Sizes			
18-36	f			S		52	" " " Back	292-A-379	4	Alco 292-S-109530	Mild Steel Casehardened		$3\frac{7}{8}$" Hex. Across Flats x $\frac{5}{8}$" Thk. - Finished Sizes			
						53	" " " " Inter.									
						54	" "									
						55	" "									
						56	" "									
						57	" "									
	f					58	" " —Pressed into Wheels (Tons)			See Page 88, Item 36						
						59	" " — " " " (")									
						60	" " — " " " (")									
						61	" " Marking									
						62										

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE		NO. PCS.	DRAWING CARD NO.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P.D.	FORGINGS SKETCH NO.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 30—CROSSHEAD									
18-43	P					1	Crosshead—Body (Mach. R.&L.)	304-A-17	1-R 1-L	Alco 304-S-32140				L.H.- L-30-S-2101 R.H- L-30-S-2098		
	P					2	" Liner ~~Rivets~~ - Ctsk. Hd.		40	$\frac{3}{8}$" dia x $1\frac{1}{4}$" Lg.	Bronze Ord. In P.D.					
18-46	P					3	" Arm Bushing	583-B-124	2	Alco 583-S-91307						A.A.R. Phos. Bronze L-58-S-1927
	P				S	4	" Key	302-B-290	2	Alco 302-S-93096	High Car. Steel 1065	✓	302-B-290	(Furnish Cotters)		
	P ✓					5	" Liners ~~Key~~ (Mach. Dwg.)	304-A-~~16~~ 17	4	Alco 32140 304-S-~~32130~~	Hard Bronze A.A.R.		Press in X-Hd.	For Pattern No See Item #4		
18-45	P ✓					6	" Liners	304-A-~~16~~ 17	4	Alco 32140 304-S-~~32130~~	C.R. Bronze Ord. In P.D.	✓				
18-47	P					7	" Shoe—~~Top~~	302-A-315	2	Alco 302-S-32130						A.A.R. Hard Bronze L-30-S-2100
						8	" " —Bottom									
18-44	P					9	" Liners - Patt. Dwg.	302-A-313		Alco 302-S-29480	(Patt. Cast In Tub 12" Lg. 1 Tub Suff. For 3 Engs.)					A.A.R. Hard Bronze L-30-S-2097
18-50	P				S	10	" Wrist Pin	302-A-316	2	Alco 302-S-46200	Mild Steel Casehardened	✓	302-A-316			
						11	" " " Bearing									
						12	" " " Grease Plug									
						13	" " " " Choke Plug									
						14	" " " Jam Nut									
18-52	P					15	" " " ~~Lock~~ Key "	302-A-316	2	Alco 302-S-46200	C.R. Steel 1035	✓				
18-51	P				S	16	" " " Nut	302-A-316	4	Alco 302-S-46200	Mild Steel Casehardened	✓	5" Hex. across Flats. x $\frac{3}{4}$" Thk. - Finished Sizes			
	P					17	" " " Cotter ~~Pin~~		2	$\frac{1}{2}$" Dia. x 5" Lg.	Steel Ord. In P.D.	✓				
18-53	P					18	" " " Washer	302-A-316	2	Alco 302-S-46200	1045 Bar	✓				
						19	" " " Marking									
						20										
						21										
						22	GROUP 31—CYLINDER									
19-1	P ✓					23	Cylinder 1-pc	318-~~CI~~-6 (As Built At Lima)	1	Alco 3113-S-20030 5	Cstg. Ord. In P.D. To BLW Patt. 277980			L-31-S-1352		
19-4	P	1st. 10 Engs. Only				24	" Drilling	313-B-9	1-Set	Alco 313-S-91791	For Locos. Without F.W. Htrs.					
19-3	P					25	" Bushing - Rough Cstg.		2	Hunt Spiller Patt. #C251-40½ Lg.	Gun Iron Ord. In P.D.		(Finish To Cyl. Dwg.)			
19-2	P					26	" Marking	312-A-14	1-Set							
19-7	P	Last 10 Engs. Only				27	" Drilling	313-A-9	1-Set	Alco 313-S-91790	For Engs. With F.W. Htrs.					
						28	GROUP 32—CYLINDER DETAILS									
46-4	P					29	Cylinder Clearance Diagram	323-A-279	1-Set	Alco G53-A-92640						
19-10	P					30	" Head—Front	323-A-276	2	Alco 323-S-105440	Apply Lagging Rs. & Magnesia " " "					
19-11	P					31	" " —Back Mach. R.&L.	323-A-275	1-R 1-L	Alco 323-S-105430	" "					
19-15	P					32	" " Cover—Front	322-B-514	2	Alco 322-S-33511	Plate- Furn. & Apply clips	✓				
19-12	P					33	" " " —Back	322-A-514	2	Alco 322-S-33510	Plate- Furn. & Apply clips.	✓				
						34	" " " Clamp									
						35	" " ~~Bolt~~ ~~Nut~~									
19-8	P	1st. 10 Engs. Without F.W. Htrs.				36	Cylinder Exh. Passage Cap	322-A-517	1	Alco 312-S-91780				L-31-S-1353 H.S. Gun Iron L-32-S-2465		
19-14	P					37	Steam Chest Bushings	322-A-510	4	Alco 322-S-43980	Cstg. Ord. In P.D.	✓				
						38	" " "									
						39	" " " Stop									
						40	" "									
						41	" "									
						42	" "									
						43	" " Cap									
						44	" " Balance Plate									
						45	" " Cover									
						46	" " Casing									
						47	" "									
						48	" "									
56-43	P					49	" " Head—Front	322-A-511	2	Alco 782-S-31762				L-78-S-61		
56-44	P					50	" " " —Back - R.S.	323-B-273	1	Alco 783-S-34381					L-78-S-1182	
56-45	P					51	" " " - Back - L.S.	323-B-274	1	Alco 783-S-34391					L-78-S-1179	
						52	" " "									
						53	" " "									
56-46	P					54	" " " Cover—Front	322-A-516	2	Alco 782-S-41411	Plate-	✓				
56-46	P					55	" " " " —Back	322-A-516	2	Alco 782-S-41411	Plate - Furn. & Apply Clips	✓				
						56	" " " " Clamp									
						57	" " " " Nut									
						58	" " " " Ornament									
						59	" " " " " Nut									
						60										
						61	Valve Tram Stud									
	P					62	Cyl. Cover Plate - Bottom		2	#16 Steel Plate - Make to suit In Erect. Shop.						

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 32—CYLINDER DETAILS (Cont.)								
69-14	C					1	Valve Rod Crosshead Guide (Mach. R&L.)	2-R.	Alco	Furn. & Apply					
								322-A-513	2-L.	942-S-66410	Pipe Plugs.			L-94-S-1799	
69-13	C					2	" " " " Wearing Plate	322-A-513	4	Alco 942-S-66410				L-94-Q-154	
	C					3	" " " " Liner	322-A-513	4	Alco 942-S-66410	C.R. Steel Bar	✓			
	C					4	" " " Set Screw	322-A-513	2	Alco 942-S-66410	1020 Hex Furn. Lock Nut	✓	(Nut Ord. In P.D.)		
69-15	C					5	" " " Guide Arrgt.	323-A-280	1-Set-R 1-Set-L	Alco 943-S-66420					
						6									
						7									
						8									
						9									
						10	GROUP 33—CYL. COMPOUND ATTACHMENTS								
						11	Intercepting Valve Arrangement								
						12	" " Chamber								
						13	" " " Cap								
						14	" " " "								
						15	" " " " Packing Rings								
						16	" " Snap Rings								
						17	" " " "								
						18	" " Bushing								
						19	" " Stem								
						20	" " " Nut								
						21	" " Spring								
						22	" " Lock Stud								
						23	" " Disc								
						24	" " Chamber Joint Ring								
						25	" " Pipe Flange								
						26	" " Bracket								
						27	" " Dash Pot								
						28	" " " " Piston								
						29	" " " " Head								
						30									
						31									
						32									
						33									
						34	Receiver Pipe Arrangement								
						35	" "								
						36	" " Sleeve								
						37	" " Flange								
						38	" " Ball Joint								
						39	" " " " Packing Flange								
						40	" " " " " Rings								
						41	" " " " " "								
						42	" " Straps								
						43	" " Supports								
						44	" "Y" Pipe								
						45	" " " Casing								
						46	" " " "								
						47	" " " "								
						48	" " " "								
						49	" " " "								
						50	" " " Joint Ring								
						51									
						52									
						53									
						54	Reducing Valve								
						55									
						56									
						57									
						58	Separate Exhaust Valve								
						59									
						60									
						61									
						62									

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD NO.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 33—CYL. COMPOUND ATTACHMENTS (Cont.)								
						1	Starting Valve								
						2									
						3									
						4									
						5									
						6									
						7	GROUP 34—CYL. BY-PASS AND RELIEF VALVES								
19-32	C					8	By-Pass Valve - Prime Single Unit Auto.	4	Prime Dwgs S.C.-1129, S.C.-11-U-5	Complete Ord. In P.D.					
						9	" " " Casing								
						10	" " " Cap								
						11	" " " Nut								
						12	" " " Stem								
						13	" " " Spring								
						14	" " " Piston								
						15	" " " Ring								
						16									
						17									
						18									
19-33	B					19	Cylinder Head Relief Valve "Ashton" 2½"	4	Dwg. No. 923-C	Shank Threaded 2½" P.T. Set At 272# Ord. In P.D.			Type GC-30		
						20	" " " " Cap								
						21	" " " " Nut								
						22	" " " " Stem								
						23	" " " " Casing								
						24	" " " " Spring								
						25									
						26									
						27									
						28	Cylinder Relief Valve								
						29	" " " Cap								
						30	" " " Nut								
						31	" " " Stem								
						32	" " " Spring								
						33	" " " Port Cover								
						34	" " " " " Joint Ring								
						35									
						36									
						37									
						38	Drifting Valve								
						39	" " Bracket								
						40	" " Shield								
						41	" " " Bracket								
						42									
						43									
						44									
						45									
						46	Steam Chest Relief Valve								
						47	" " " " Cap								
						48	" " " " Nut								
						49	" " " " Stem								
						50	" " " " Spring								
						51									
						52									
						53									
						54	Steam Chest Vacuum Valve								
						55	" " " " Cap								
						56	" " " " Nut								
						57	" " " " Stem								
						58	" " " " Spring								
						59									
						60									
						61									
						62									

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE		NO. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 35—DIE WORK									
	8					1	Flanging Dies		1 Set	Lima 352-A-463						
						2										
						3										
						4										
						5	GROUP 36—DOME									
	8					6	Dome	362-B-264	1	ALCO. 362-S-10884	—	✓	—	—	—	—
						7	" Flange		—							
						8	" Ring		—							
	8					9	" Cap	362-A-280	1	ALCO. 362-S-21099	—	✓	—	—	—	—
	8					10	" Casing			See Sand Box Page 74						
	8					11	" Marking			LIMA STANDARD						
	8					12	" GASKET APPLICATION	362-A-260		ALCO. 362-S-10870	—		—	—	—	—
						13	"									
						14	" Shutoff Valve									
						15	" " " Cover									
						16	" " " Case									
						17	" " " " Support									
						18	" " " Nut									
						19	" " " Gland									
						20	" " " Stem									
						21	" " " " Extension									
						22	" " " " Universal Joint									
						23	" " " " " "									
						24	" " " Handle									
						25	" " "									
						26	" " " Stuffing Box									
						27	" " " " " Nut									
						28	" " " " " Gland									
						29	" " " " " Joint Ring									
						30	" " " " " Packing									
						31										
						32										
						33										
						34	Auxiliary Dome									
						35	" " Cap									
						36	" " Casing									
						37										
						38										
						39										
20-34	8					40	Buffers - Friction	Type B-22-P	2 Set	Miner Co Dwg. 19376	Ord In P. D. Ready to Apply		(1 - Flat Buffer Face 1 - Convex Buffer Face)			
20-33	8					41	Draftgear Wearing Block	372-A-611	1	ALCO 372-S-26780					L-37-S-1317	
20-26	8					42	GROUP 37—DRAWGEAR Arrgt	373-A-106	1 Set	ALCO 373-S-11470	(Miner Friction Draftgear Dwg. # 19420. Ord in P.D.)					
						43	Coupler—Front									
20-31	8	✓	✓			44	" Hook	373-A-105	1	ALCO 373-S-26760	Alloy Steel - Drop Forged Ord. In P.D. Completely Finished. (~~Lima to Mach. and Heat Treat.~~)					
20-32	8					45	" [redacted] Guide	372-A-610	1	ALCO 372-S-26770					L-37-S-1316	
						46	" [redacted]									
20-42	8					47	Screw Coupler [redacted] Arrgt.	373-A-104	1 Set	ALCO 373-S-26740	Furn. & Apply Cotters		Apply Clevis to Trunnion at Assembly.			
20-45	8					48	" [redacted] Clevis	372-A-607	1	ALCO 372-S-26730	Alloy Steel - Drop Forged Ord. In P.D.		(Lima to Mach. and Heat Treat.)			
20-46	8					49	" [redacted] Lifting Handle	372-B-607	1	ALCO 372-S-26731	Mild Steel - Drop Forged Ord. In P.D.		(Lima to Mach.)			
20-47	8					50	" [redacted] Lever	372-A-606	1	ALCO 372-S-26720	Mild Steel - Drop Forged Ord. In P.D.		(Lima to Mach.)			
20-48	8					51	" " [redacted] Screw	372-B-606	1	ALCO 372-S-26721	Alloy Steel - Drop Forged Ord. In P.D.		(Lima to Mach. and Heat Treat.)			
20-49	8	✓				52	" " Link	372-A-609	2	ALCO 372-S-26710	Alloy Steel - Drop Forged Ord. In P.D.		(Lima to Mach. and Heat Treat.)			
20-50	8	✓				53	" " [redacted] Pin	372-B-609	1	ALCO 372-S-26711	Ni. Chr. Moly Steel Bar Heat Treat	✓				
20-43	8					54	" " Trunnion [redacted] - R.H.	372-A-608	1	ALCO 372-S-26700	Ni. Chr. Moly Steel Bar Heat Treat	✓				
20-44	8					55	" " " - L.H.	372-B-608	1	ALCO 372-S-26701	Ni. Chr. Moly Steel Bar Heat Treat	✓				
20-51	8	✓				56	" " Pin Washer	372-C-609	1	ALCO 372-S-26712	1020 Bar	✓				
20-52	8					57	" " Trunnion [redacted] Washer	372-D-609	1	ALCO 372-S-26713	1020 Bar	✓				
20-53	8					58	" " Screw Washer	372-C-606	2	ALCO 372-S-26722	1020 Bar	✓				
20-54	8					59	" " Lever Pin	372-D-606	1	ALCO 372-S-26723	1020 Bar	✓				
20-55	8					60	" " " " Washer	372-E-606	1	ALCO 372-S-26724	1020 Bar	✓				
						61										
						62										

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE		NO. PCS.	DRAWING CARD NO.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH NO.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 37—DRAWGEAR (Cont.)									
21-8	P ✓					1	Coupler Uncoupling Shaft Arrangement	373-A-109	2 Sets	Alco 373-S-56410	(These Details Are Belonging to L.L.W.		For Shipping Loco's From Plant. Use From Stock Originally Ord. On R.O. R-16532. To Be Returned to Lima.			
						2	" " "									
						3	" " "									
						4	" " " Bracket									
						5	" " " "									
						6	" " " " Fillers									
						7	" " " " Cotters									
						8	" " " " Pins									
						9	" " " " Blocks									
						10	" " " Lifter									
						11	" " " " Plate									
						12	" " " Collars									
						13	" " " Stop Arrangement									
						14	" " " "									
						15	" " " " Slides									
						16	" " Chain									
						17	" " " Clevis									
						18	" " " " Pin									
						19										
						20	Drawhead									
						21										
20-38	P				S	22	Drawbar—Between Engine and Tender	372-A-604	1		Mild Steel	✓	372-A-604			See 373-A-102 For Alco Dwg.
						23	" Bushing									
21-3	P					24	" Pin Key	152-F-63	1	Alco 152-A-3005	Ord. In P.D.					
21-2	P					25	" Pin	372-B-587	1	Alco 372-S-65648	1020 Bar	✓	372-B-587			
21-4	P				6 S	26	" " Keeper	372-B-588	1	Alco 372-S-65551	Plate	✓	372-B-588			
20-39	P				S	27	Safety Bar	372-A-603	1		Mild Steel	✓	372-A-603			See 373-A-103 For Alco Dwg.
						28	" " Bushing									
						29	" " "									
						30	" " Pin									
						31	" " " Keeper									
						32	" Chain									
						33	" " Clevis									
						34	" " Pin									
						35										
						36	Drawbar and Safety Bar Stenciling									
27-6	P					37	Radial Buffer	Type "E-2"	1-Set	Balmar Dwg. D-56633-G	Ord. In P.D.					
						38	" " Shield									
						39										
						40	**GROUP 39—ECCENTRIC**									
21-15	P				S	41	Eccentric Crank (Fit Up R.&L.)	392-A-246	2	Alco 392-S-16550	Med. Car. Steel	✓	392-A-246			
	P					42	" " Bolt				See Bolt List					
21-17	P					43	" " Key	392-A-248	2	Alco 392-S-4120	1035 C.R.S. Bar	✓				
21-18	P ✓					44	" " Location	392-A-253	1-Set	Alco 392-S-50800						
						45	" " Liner									
21-22	P				S	46	" " Pin	392-A-247	2	Alco 392-S-14154	1045 Bar. Furn. Dowels & Cotters	✓				
	P					47	" " " Nut	392	2	1¾" slotted 4 Whitworth Thds	Mild Steel Casehardened Ord. In P.D.					
21-23	P					48	" " Washer	392-A-247	2	Alco 392-S-14154	1045 Bar	✓				
						49	" " " Bolts									
72-35	P					50	" " & Rod Marking	994-A-25	1-Set	Alco 994-S-53190						
						51	" " Pin Marking									
21-19	P				S	52	" Rod	393-A-89	1-R 1-L	Alco 393-S-36420	Mild Steel	✓	393-A-89			
						53	" " Stub									
	P					54	" " Brass: Finishing Dwg.	393-A-89	2	Alco 393-S-36420	For Machining Only - For Pattern See Item #61					
						55	" " " Keeper Bolt									
						56	" " " " " Lock Washer									
21-27	P					57	" " Pin	392-A-251	2	Alco 392-S-36430	1020. Casehardened Furn. Dowel & Cotter	✓	(Nut Casehardened Ord. In P.D.)			
						58	" " " Bolt									
						59	" " " Nut									
						60	" " " Washer									
21-20	P					61	" " Brass - Patt. Dwg.	392-A-245	2	ALCO 392-S-32000						A.A.R. Hard Bronze L-39-S-736
						62										

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 39—ECCENTRIC (Cont.)								
						1	Eccentric—Large Half								
						2	" —Small "								
						3	" Strap—Large Half								
						4	" " —Small "								
						5	" Liner								
						6									
						7									
						8									
						9									
						10	**GROUP 40——ENGINE TRUCK, LEADING**								
21-42	B					11	Engine Truck Arrangement		404-A-31	1-Set Alco 404-S-12160					
22-14	B					12	" " Frame		403-A-72	1 Alco 413-S-13670				L-41-S-4208	
						13	" " " Brace								
						14	" " " "								
						15	" " " Crosstie								
22-2	B					16	" " Pedestal	4	402-A-489	Alco 412-S-53250				L-41-S-4211	
22-5	B					17	" " " X-Tie Thimble	1	402-A-492	Alco 412-S-53141	1020 Steel Bar	✓			
22-8	B					18	" " "	2	402-A-485	Alco 412-A-5092			L-41-A-65		
22-49	B			S		19	" " " " Bolts	2	402-F-493	Alco 412-S-65645	1020 Steel	✓	402-F-493		
22-4	B					20	" " " Liners	4	402-A-488	Alco 412-S-53260	Spring Steel Ord. In P.D.	Weld to Pedestals			
	B					21	" " " Thimble Bolt Nuts	2		Make From Blank Steel Nuts.	$1\frac{3}{4}$" Dia-5 thds per Inch-Whitworth Thds., $1\frac{15}{16}$" Thick., Slotted. Ord on Matl. book For Future.				
						22	" " Saddle								
						23	" " Equalizer (Over Box)								
						24	" " " Bushing								
22-15	B					25	" " Swing Bolster	1	402-A-487	Alco 412-S-24220				L-41-S-4210	
						26	" " Center Plate								
						27	" " " " Washer								
21-49	B					28	" " " Pin	1	402-A-486	Alco 412-S-30548				L-41-S-4212	
21-50	B			S		29	" " " " King Bolt	1	402-A-493	Alco 412-S-65640	1020 Steel	✓	402-A-493		
						30	" " " " Key								
						31	" " Check Chain								
						32	" " " " Bolt								
						33	" " " " Key								
						34	" " " " Eye Bolt								
						35	" " " " Link								
						36	" " " " Clevis								
						37	" " Swing Frame								
22-17	B					38	" " " Link	4	402-A-490	Alco 412-S-24230				L-41-S-4209	
22-46	B					39	" " " " Pins-Top	8	402-B-493	Alco 412-S-65641	1020 Bar Casehardened	✓			
22-47	B					40	" " " " " -Bottom	4	402-D-493	Alco 412-S-65643	1020 Bar Casehardened	✓			
22-50	B			S		41	" " " " " Key	4	402-C-493	Alco 412-S-65642	1020 Bar	✓	402-C-493		
						42	" " " Rocker								
						43	" " " " Seat								
						44	" " Connecting Links								
						45	" " " " Pins								
						46	" " Spring Hanger								
						47	" " " "								
						48	" " " " Pin								
						49	" " " Seat								
						50	" " " "								
						51	" " Safety Strap								
22-9	B			S		52	" " Radius Bar	1-R 1-L	402-A-491	Alco 412-S-805260	Bar Steel	✓	402-A-491		(Weld together)
22-10	B			S		53	" " " " Brace	1-R 1-L	402-B-491	Alco 412-S-805261	Bar Steel	✓	402-B-491		
22-9	B					54	" " " " Washer	1	402-A-491	Alco 412-S-805260	Plate-Weld On Rad. Bar	✓			
22-41	B					55	" " " " Pin	1	402-E-493	Alco 412-S-65644	1020 Bar Casehardened	✓			
						56									
						57									
						58									
						59									
						60									
						61									
						62									

APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	NO. PCS.	DRAWING CARD NO.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH NO.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
					GROUP 41—TRAILING TRUCK								
				1	Trailing Truck Arrangement								
				2	" " Frame								
				3	" " " Brace								
				4	" " " "								
				5	" " " Crosstie								
				6	" " " Pedestal								
				7	" " " "								
				8	" " " "								
				9	" " " " Cap								
				10	" " " " "								
				11	" " " " "								
				12	" " " " " Bolts								
				13	" " " " " "								
				14	" " " " Liner								
				15	" " " " "								
				16	" " " " " Bolts								
				17	" " " " " "								
				18	" " " " Brace								
				19	" " " " "								
				20	" " Bolster								
				21	" " Center Pin								
				22	" " Center Plate								
				23	" " " " Washer								
				24	" " " Pin Bolt								
				25	" " " " " Washer								
				26	" " " " " Key								
				27	" " Equalizer (Over Box)								
				28	" " " (" ")								
				29	" " Saddle								
				30	" " Swing Frame								
				31	" " " Link								
				32	" " " " Pin								
				33	" " " " "								
				34	" " " Pin Key								
				35	" " " Guide Frame								
				36	" " Spring Hanger								
				37	" " " "								
				38	" " " "								
				39	" " " " Gib								
				40	" " " " "								
				41	" " " Seat								
				42	" " " "								
				43	" " " "								
				44	" " " Yoke								
				45	" " " " Hinge								
				46	" " " " Seat								
				47	" " " " Pin								
				48	" " " " Case Cap								
				49	" " Chafing Plate								
				50	" " Safety Strap								
				51	" " " "								
				52	" " Check Chain								
				53	" " " " Clevis								
				54	" " " " " Pin								
				55	" " " " Pin								
				56	" " Center Spring								
				57	" " " " Case								
				58	" " " " " Cap								
				59	" " " " Rod								
				60	" " " " Seat								
				61									
				62									

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	NO. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. O.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 41—TRAILING TRUCK (Cont.)								
						1	Trailing Truck Radius Bar								
						2	" " " " Brace								
						3	" " " " Clamp								
						4	" " " " End								
						5	" " " " Pin								
						6	" " " " " Key								
						7	" " " " Keeper								
						8	" " " " " Arr'g't.								
						9									
						10	Trailer Truck Arr'g't (Specialty Prints)								
						11	" " Frame								
						12	" " " Liners								
						13	" " " "								
						14	" " " Bolts								
						15	" " " "								
						16	" " " Pedestal Caps								
						17	" " " " "								
						18	" " " " " Bolts								
						19	" " " " " "								
						20	" " Constant Resistance								
						21	" " Rocker								
						22	" " " Bearing Plate								
						23	" " Radius Bar Fulcrum Plate (T)								
						24	" " " " " " (B)								
						25	" " " " " Wearing Plate								
						26									
						27	GROUP 42—ERECTING CARDS								
24-25						28	Elevation		420-A-147	1-Set Alco 420-S-9170		Screw Reverse			
						29	"		420-B-147	1-Set Alco 420-S-9171		" "			
10-1						30	Backhead Arrangement		420-A-146	1-Set Alco 240-S-81000					
10-5						31	" "		420-D-146	1-Set Alco 240-S-81003					
						32									
						33	GROUP 43—ERECTING CARD CROSS SECTIONS								
24-26						34	Cross Sections		430-A-134	1-Set Alco 420-S-9180		Screw Reverse			
						35	" "		430-B-134	1-Set Alco 420-S-9181		" "			
						36									
						37	GROUP 44—EXHAUST PIPE								
24-33						38	Exhaust Pipe	1	443-A-100	Alco 443-S-13450				L-44-S-2042	
24-34						39	" " Nozzle	1	442-A-235	Alco 442-S-33030		Bored 7 1/8" I.D.		L-44-S-2043	
24-36	For One Loco. Only					40	" " " Tube	1	442-D-235	Alco 442-S-33032		Bored 7" I.D.	(Shipped With First Loco.)	L-44-S-2043	
24-37	For One Loco Only					41	" " " "	1	442-E-235	Alco 442-S-33033		Bored 7 1/4" I.D.	(Shipped With First Loco)	L-44-S-2043	
24-38	For One Loco. Only					42	" " " Splitter	4	442-A-238	Alco 442-S-95040		1020 Bar	✓ (Shipped With First Loco. For Test)		
24-35					9	43	" " " Cross Bridge	1	442-C-235	Alco 442-S-33035		1020 Sq. Bar	✓	442-C-235	
						44	" " Gasket								
38-30						45	" " Blower Ring	1	442-A-234	Alco 632-S-93070		1 1/4" Ex. Hy. Pipe 4 Furn steel Washer	✓		
						46	" " " " Tips								
38-31					9	47	" " " " Supports	3	442-A-234	Alco 632-S-93070		1020 Bar	✓	442-A-234	
						48	" " " " "								
						49									
						50	Exhaust Pipe Ball								
						51	" " Flange								
						52	" " Gland								
						53	" " Rings								
						54	" " Seat								
						55	" " Sleeve								
						56	" " Spring								
						57	Seperate Exhaust Pipe								
						58	" " " Elbow								
						59	" " " Flange								
						60	" " " Support								
						61	" " " Joint Ring								
						62	" " " Casing								

10 Engs. Only With F.W. Htrs.
10 Engs. Only Without F.W. Htrs.
10 Engs. Only With F.W. Htrs.
10 Engs. Only Without F.W. Htrs.
10 Engs. Only With F.W. Htrs.
10 Engs. Only Without F.W. Htrs.

} Rev "S" For Future.

} Rev. "W" For Future.

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE		NO. PCS.	DRAWING CARD NO.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH NO.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 45—FIREDOOR AND FIREBRICK									
						1	Fire Brick Arrangement		1 Set	AMERICAN ARCH CO. PT. 17603A	ORD. IN P.D.		—	—	—	—
						2	" "		—							
						3	" "		—							
						4	Arch Tube ARR'GT	457-A-19	4	ALCO 457-S-29530	—	✓	—	—	—	—
						5	" " SETTING	452-A-75		ALCO 452-S-5520	—		—	—	—	—
						6	" " Covers		—							
						7	" " Setting		—							
						8	" " Box Cross Carrier		—							
						9										
						10										
25-25						11	Fire Door Arrangement	(Franklin)	1 Set	Dwg. # D-36956-E, Line #6 - Ord. In P.D. - (Foot Pedal Style "E" Cyl. Style Z) ← Style "F" For Future						
25-26						12	" " Frame	(")	1	Dwg. # C-36947-A, Line #4 - Ord. In P.D.						
						13										
						14	Fire Door Arrangement									
						15	" " Frame									
						16	" " Hinges									
						17	" " Liner									
						18	" " Latch									
						19	" " " Guide									
						20	" " Catch									
						21	" " Register									
						22	" " Handle									
						23	" " Lever									
						24	" " Shaft									
						25	" " Slide									
						26	" " Damper									
						27	" " " Details									
						28	" " Foot Pedal Brkt.	452-A-81	1	ALCO 452-S-12740	1020 Bar	✓	452-A-81 For Future 1200			
						29	" " " " Location	452-A-82	1 Set	ALCO 452-S-12750						
						30										
						31										
						32										
						33	Fire Door Shield									
						34	" " " Support									
						35	" " " "									
						36	" " " "									
						37	" " " Angle									
						38	" " " Edge									
						39										
						40										
						41										
						42	Smoke Consumer									
						43	" " Jets									
						44	" " "									
						45	" " " Lock Nut									
						46	" " " " "									
						47	" " " Pipe Support									
						48	" " " " "									
						49	" " " " "									
						50										
						51										
						52										
						53										
						54										
						55										
						56										
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						60										
						61										
						62										

← Brkt Made to Suit for C.O. 1200

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE		NO. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 46—FRAMES									
						1	Frame	(Pattern and Slotting)								
26-4	P	1st. 10 Engs. Only				2	" Drilling	466-B-248	1-R	Alco						
									1-L	466-S-119461						
26-3	P	Last 10 Engs. Only				3	" "	466-A-248	1-R	Alco						
									1-L	466-S-119460						
						4										
						5	Frame Bed Casting									
						6	" " "									
						7										
						8	Frame Cradle									
						9										
26-2	P					10	Frame (Ordering)	466-B-247 (Slab Rolled Steel)	2	Alco 466-S-119451	Flame Cut Ord. In P.D.	✓				
	P	✓ 1st. Loco. Only				11	" Slotting & Planing	466-A-249	1-R 1-L	This Information to Appear on Shop Schedule →	(For Machining Design Completed.		1 pr. of Frames Cut out to Cd. 466-B-247 Rev. "X", Before Do Not Order for Future.			)
26-1	P	✓ Last 19 Locos. Only				12	" "Slotting & Planing	466-A-246	1-R 1-L	Alco 466-S-119431						
						13	Frame Top Rail									
						14	" Bottom Rail									
26-10	P					15	" Keys (Fit Up R.&L.)	466-A-248	2	Alco 466-S-119460	Med. Car. Steel	✓	1¼" x 3" x 5" — Finished Sizes			
	P					16	" Lifting Blocks	462-A-296	2	Alco 462-S-92100	Weld to Frame Bottom Rail				L-46-S-7507	
26-20	P					17	Frame Pedestal Binder No. 1 & 2	Mach. Dwg. 462-A-291	4	Alco 462-S-47760						
26-21	P					18	" " " " #3	" 462-B-291	2	Alco 462-S-47761	"Main"					
26-22	P					19	" " " " #4 & 5	" 462-C-291	4	Alco 462-S-47762						
						20	" " " "									
						21	" " " "									
26-23	P					22	Frame Pedestal Binder	Ord. Dwg. 462-A-290	4	Alco 462-S-47750	Flame Cut Ord. In P.D.		#1 & #2			
26-24	P					23	Frame Pedestal ~~Bolt~~	" " 462-B-290	2	Alco 462-S-47751	" " "		#3 Main			
26-25	P					24	" " "	" " 462-C-290	4	Alco 462-S-47752	" " "		#4 & #5			
						25	" " "									
						26	" " "									
						27										
						28	Frame Pedestal Bolt Keeper									
						29	" " " "									
						30	" " " "									
						31	" " " "									
						32	" " " "									
						33										
						34										
26-53	P					35	Frame Pedestal Shoe (#4 & #5)	462-A-287	4	Alco 462-S-57830					L-46-S-7502	
26-54	P					36	" " " (Main)	462-F-288	2	Alco 462-S-57815					L-46-S-7498	
26-55	P					37	" " " (#1 & #2)	462-B-288	4	Alco 462-S-57811					L-46-S-7499	
26-38	P					38	" " " & Wedge Stops	462-C-287	8	Alco 462-S-57832	C.R. St. Bar Weld to S. & W.	✓				
26-39	P					39	" " " " " "	462-E-288	32	Alco 462-S-57814	C.R. St. Bar Weld to S. & W.	✓				
	P					40	" " " Liners Rivets		80	½" dia x 1½" Lg.	Flat Ctsk. Hd. - Copper Ord. In P.D.					
26-49	P					41	Frame Pedestal Wedge (#4 & #5)	462-B-287	4	Alco 462-S-57831					L-46-S-7503	
26-50	P					42	" " " (Main)	462-H-288	2	Alco 462-S-57816					L-46-S-7500	
26-51	P					43	" " " (#1 & #2)	462-D-288	4	Alco 462-S-57813					L-46-S-7501	
						44	" " "									
						45	" " "									
26-29	P					46	Method Of Fitting Ped. Cap Collar Bolt	462-A-252	1-Set	Alco 462-S-90110						
						47										
26-52	P		S			48	Frame Pedestal Wedge Bolt	462-A-294	10	Alco 462-S-57840	1020 steel Apply Nuts	✓	462-A-294	(Nuts - Casehardened Ord. In P.D.		)
						49	" " " "									
26-44	P		S			50	" " " " Clip - Main	462-A-295	6	Alco 462-S-47403	1020 Bar	✓	462-A-295	#3, #4 & #5 Pedestals		
26-45	P		S			51	" " " " " - Others	462-B-295	4	Alco 462-S-47404	1020 Bar	✓	462-B-295	#1 & #2 Pedestals		
						52	" " " "									
26-46	P					53	" " " Liners (Main)	462-D-289	2	Alco 462-S-57823	C.R. Phos. Br. Ord. In P.D.					
26-47	P					54	" " " " (#1 & #2)	462-D-289	4	Alco 462-S-57823	" " "					
26-48	P					55	" " " " (#4 & #5)	462-F-289	4	Alco 462-S-57825	" " "					
26-40	P					56	" " Shoe Liner (Main)	462-B-289	2	Alco 462-S-57821	" " "					
26-41	P					57	" " " " (#1 & #2)	462-B-289	4	Alco 462-S-57821	" " "					
26-42	P					58	" " " " (#4 & #5)	462-E-289	4	Alco 462-S-57824	" " "					
						59										
26-58	P					60	Shoe & Wedge Adjustment	462-A-293	1-Set	Alco 462-S-54081	#1 & #5 Pedestals					
26-57	P					61	" " " "	462-B-293	1-Set	Alco 462-S-54086	#2, #3 & #4 Pedestals					
						62										

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE		NO. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 47—FRAME DETAILS									
26-15	B					1	Frame Filling ~~Front~~ (Mach. R&L.)	473-A-332	1-R 1-L	Alco 463-S-39410	Bet. 1st & 2nd Drivers		Apply Cotter		L-46-S-7504	
26-16	B					2	" " ~~Back~~ (Mach. R&L.)	473-C-332	1-R 1-L	Alco 463-S-39417	Bet. 2nd & 3rd. Drivers				L-46-S-7504	
26-17	B					3	" " ~~Back~~	473-A-334	1-R 1-L	Alco 463-S-39430	Bet. 3rd & 4th. Drivers		Apply Lugs.		L-46-S-7506	
26-19	B	✓				4	" "	473-~~B~~E-333	1-R 1-L	Alco 39424 463-S-39421	Back of 5th Driver		Apply Lugs		L-46-S-7505	
	B					5	" "	FOR FRAME FILLING BUSHINGS SEE PAGE 78								
26-18	B					6	" "	473-C-333	1-R 1-L	Alco 463-S-39422	Bet. 4th. & 5th. Drivers		Apply Lugs		L-46-S-7505	
26-11	B					7	Frame ~~Welding Plate~~ Filling Lugs (~~Front~~)	473-D-333	8	Alco 463-S-39423	1035 C.R. Bar Steel	✓				
26-28	B					8	" " " (" " ")	473-B-334	4	Alco 463-S-39431	1035 C.R. Bar Steel	✓				
						9	" " " (" " ")									
						10	" " " (" " ")									
27-13	B					11	Foot Plate Bushing	472-A-775	3	Alco 472-S-95321	Mild Steel Bar Casehardened	✓				
27-12	B	✓				12	Foot Plate	474-~~A~~B-96	1	Alco 65671 474-S-~~65670~~	Style #2				L-47-S-6801	
27-2	B					13	Front Deck Casting & Bumper Brkt.	477-A-47	1	Alco 477-S-38600					L-47-S-6811	
						14	Front Deck Casting and Air Pump Brackets									
						15	Center Pin Guide									
27-3	B					16	" " " Bushing	472-A-780	1	Alco 472-S-95222				L-47-S-6810		
						17	Back Head Brace									
						18	Expansion Crosstie									
						19										
						20	Ash Pan Crosstie									
						21										
						22	Brace Crosstie									
						23	" "									
						24	" "									
						25										
27-28	B					26	Brake Fulcrum Crosstie (Bk. of #3 Ped.)	473-A-330 (~~Front~~)	1	Alco 473-S-118560					L-47-S-6799	
27-30	B					27	" " " Shaft Block	473-A-330 (F)	2	Alco 473-S-118560					L-47-S-6800	
						28										
27-29	B					29	Brake Shaft Crosstie (Ahead of #1 Ped.)	474-A-97	1	Alco 474-S-118550					L-47-S-6797	
27-31	B					30	" " " Shaft Block "	474-A-97	2	Alco 474-S-118550					L-47-S-6798	
						31										
27-27	B					32	Brake Cylinder Crosstie & Guide Yoke	474-A-99	1	Alco 474-S-118570					L-47-S-6802	
						33	" " "									
						34	" " "									
						35										
						36	Center Pin Crosstie									
						37	Lateral Box Crosstie									
						38	Furnace Crosstie									
						39										
						40	Grate Crosstie									
						41										
						42	Guide Yoke Crosstie									
						43										
27-19	B					44	Pedestal Crosstie - Bk. of #2	472-A-777	1	Alco 472-S-118590					L-47-S-6806	
27-20	B					45	" " - Bk. of #4	472-B-777	1	Alco 472-S-118591					L-47-S-6806	
						46	" "									
						47	Radius Bar Crosstie									
27-33	B					48	" " " Clamp	472-A-781	1	Alco 472-S-42400	Plate	✓				
27-22	B					49	Motion Bearer Crosstie & Brk. Cyl. Suppt.	474-A-98	1	Alco 474-S-118580					L-47-S-6805	
						50	Waist Sheet Crosstie									
						51	" " "									
						52	" " "									
						53										
27-55	B					54	Waist Sheet	472-A-783	1-R 1-L	Alco 472-S-801270	Plate	✓				
						55	" "									
						56	" "									
						57	" " Angle									
						58	" " "									
						59	" " "									
						60										
						61										
						62										

	APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE		No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
						GROUP 47—FRAME DETAILS									
27-24	P				1	Furnace Bearer Exp. X-tie	473-B-331 (Front)	1	Alco 473-S-23451					L-47-S-6803	
27-47	P				2	" " Shoe (Mach. R.&L.)	472-A-779	1-R 1-L	Alco 472-S-57970					L-47-S-6809	
27-50	P				3	" " " Wearing Plate	472-A-776	2	Alco 472-S-57537						A.A.R. Hard Br. L-47-S-6804
					4	" " " Clamp									
					5	" " Knee									
					6	" " Pad									
					7										
					8										
					9	Furnace Bearer	(Back)								
					10	" " Shoe									
					11	" " Wearing Plate									
					12	" " Clamp									
					13	" " Knee									
27-46	P				14	Expansion Plate Knee Filler	472-A-791	1-R 1-L	Alco 472-S-57990	1020 Bar Weld to Knee	✓			L-47-S-6807-R.H.	
27-48	P	Last 10 Engs. Only			15	Expansion Plate Knee	473-A-335	1-R 1-L	Alco 473-S-57980	style #1 (Form. & Apply 1020 Bar)				L-47-S-6808-L.H.	
27-49	P	First 10 Engs. Only			16	" " "	473-B-935	1-R 1-L	Alco 473-S-57981	style #1 (Form. & Apply 1020 Bar)				L-47-S-6807-R.H. L-47-S-6808-L.H.	
					17	Furnace Bearer Sheet	(Front)								
27-52	P				18	" " "	-B-789 472-A-782 (Back)	1	Alco 80134-1 472-S-80250	Plate	✓				
					19										
27-36		Cancelled 5/s			20	Lifting Support Arrgt	473-A-336	1-Set-R 1-Set-L	Alco 473-S-901760	Welded Construction					
" -37		"			21	" " Upright	473-B-336	2	Alco 473-S-901761	1020 Bar	✓	Flame Cut			
" -38		"			22	" " Base	473-C-336	1-R 1-L	Alco 473-S-901762	1020 Bar	✓				
" -39		"			23	" " Gusset -Rear	473-D-336	2	Alco 473-S-901763	Plate - Flame Cut	✓				
" -40		"			24	" " " - Front	473-E-336	2	Alco 473-S-901764	Plate - Flame Cut	✓				
" -41		"			25	" " Top "	473-F-336	2	Alco 473-S-901765	1020 Bar	✓				
" -42		"			26	" " " Plate	473-H-336	2	Alco 473-S-901766	1020 Bar	✓				
" -43		"			27	" " Flange Bars	473-J-336	4	Alco 473-S-901767	1020 Bar	✓				
					28	" " End Plate									
					29										
					30										
					31										
					32	Hinge Casting	L.P.								
					33	" " Bushing									
					34	" " Pin									
					35	" " " Keeper									
					36	Hinge Casting	H.P.								
					37	" " Bushing									
					38	" " Pin									
					39	" " " Keeper									
					40										
					41										
					42										
					43										
					44										
					45	GROUP 49—GAUGES, TEMPLATES AND JIGS									
	P				46	Standard Fixture List	492-A-1870	1-Set							
	P				47	Gauges	492-A-1871	1-Set							
	P				48	Drilling Jigs	493-A-673	1-Set							
	P				49	Layout Templates	492-A-1872	1-Set							
	P				50	Forging Templates	492-A-1874	1-Set							
	P				51	Burnout Templates	492-A-1873	1-Set							
					52										
					53										
					54										
					55										
					56										
					57										
					58										
					59										
					60										
					61										
					62										

For Future & R.O. Use New Lines. Have pattern changed. To Eliminate Filler Bars.

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 50—GUIDES								
28-10	P				S	1	Guide Top (Fit Up R&L.) 503-A-172	1-R 1-L	Alco 503-S-21590	Med. Car. Steel	✓	503-A-172			
28-11						2	" "								
	P				S	3	" Bottom (Fit Up R.&L.) 503-A-172	1-R 1-L	Alco 503-S-21590	Med. Car. Steel	✓	503-A-172			
						4	" "								
28-14	P				S	5	" Block 503-A-172	2	Alco 503-S-21590	1020 Steel		$5\frac{31}{32}$" x $8\frac{3}{4}$" Sec. x Length to Suit - Finished Sizes			
	P					6	Guide Liner Front Top 503-A-172	2	Alco 503-S-21590	C.R. Steel	✓				
	P					7	" " " Bottom 503-A-172	2	Alco 503-S-21590	C.R. Steel	✓				
	P					8	" " Back Top & Bott. 503-A-172	4	Alco 503-S-21590	C.R. Steel	✓				
	P					9	" " " [redacted] 503-A-172	2	Alco 503-S-21590	C.R. Steel	✓				
						10									
						11	Guide Floating Block								
						12	" " "								
						13	" Yoke								
						14	" " Bracket								
						15	" " "								
						16	" " End								
						17	" " "								
						18	" Filling								
						19	" Knee								
						20	" "								
						21	" Block								
						22	" "								
						23	" Bolts								
						24	" "								
						25									
27-59	P					26	Guide Yoke Sheet 502-A-225 R&L	1-R 1-L	Alco 472-5-801260	Plate	✓				
						27	" " " L								
						28	" " Angle								
						29	" " "								
						30									
						31	**GROUP 51—GRATES**								
28-32	P					32	Grate Arrangement Waugh Equip. Co (Specialty)	1 Set	Dwg. No. 8-K-5111-D	Ord. In P.D.					
						33									
						34	**GROUP 52—GRATE DETAILS (Specialties)**								
	P					35	Grate Bar Waugh Equip Co. (Carrier Bars)	18	Dwg. No. 4-K-2595	Patt. # F-109 Ord. In P.D.					
						36	" " (" ")								
						37	" " (" ")								
	P					38	" " Units " " "	306	Dwg. No. 4-K-3509	Patt. # F-20 Ord. In P.D.					
						39	" " "								
						40	" " "								
	P					41	Dead Grate Front " " R	2	Dwg. No. 2-K-5114	Patt. # F-1032 Ord. In P.D.					
						42	" " " L								
	P					43	" " Back " " " R	2	Dwg. No. 2-K-5114	Patt. # F-1032 Ord. In P.D.					
						44	" " " L								
						45	" " Front Center								
						46	" " Back "								
	P					47	Grate Center Rail " " "	1	Dwg. No. 2-K-5112	Patt. # F-4515 Ord. In P.D.					
						48	" " " Reinforcing Plate								
						49	" " " Stiffener								
	P					50	Grate Side Rail—Front " " " Right	1	Dwg. No. 2-K-5113	Patt. No. F-2802 Ord. In P.D.					
	P					51	" " " " " " " Left	1	Dwg. No. 2-K-5113	Patt. No. F-2801 Ord. In P.D.					
						52	" " " Inter.								
						53	" " " "								
	P					54	" " " Back " " " Right	1	Dwg. No. 2-K-5113	Patt. # F-2801 Ord. In P.D.					
	P					55	" " " " " " " Left	1	Dwg. No. 2-K-5113	Patt. # F-2802 Ord. In P.D.					
						56	Protecting Grate Support								
						57									
						58									
						59									
						60									
						61									
						62									

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE		NO. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 51—GRATE ARRANGEMENT									
29-44-43	B					1	Grate Arrangement	517-A-53	1 Set	Alco 517-S-38750	Furn. Fillers & Liners For Under Deck. At Lever Fulcrums.					
						2										
						3	GROUP 52—GRATE DETAILS									
						4	Grate Bar									
						5	" "									
						6	" "									
						7	" "									
						8	" "									
						9	Dead Grate	(Front) R								
						10	" "	(") L								
						11	" "	(Back) R								
						12	" "	(") L								
						13	" "	(Center)								
						14	" "	(")								
						15	Grate Center Rail	(Front)								
						16	" " "									
						17	" " "	Reinforcement								
						18	" " "	Stiffener								
						19	Grate Side Rail	(Front) R								
						20	" " "	(") L								
						21	" " "	(Back) R								
						22	" " "	(") L								
						23	Grate Dead Grate Support									
						24	" " " "									
						25	" " " "									
						26	" " " "									
						27	Grate Side Rail Support									
						28	" " " "									
						29	" " " "									
						30	" " " "									
29-21	B					31	Grate Center Rail Support	522-A-1317 (Front)	1	Alco 522-S-209902					L-52-S-10767	
29-22	B					32	" " " "	522-B-1317 (Back)	1	Alco 522-S-209903					L-52-S-10768	
						33	" " " "	(")								
28-36	B					34	Grate Lever Fulcrum (& Stoker Support)	524-A-17 ■	1	Alco 524-S-808841					L-52-S-10766	
29-33	B					35	" " " Pin Collars	522-A-1323 ■	2	Alco 522-S-40369	1020 Bar	✓				
29-50	B					36	" " " Pins	522-A-1321	2	Alco 522-S-40449	1020 Hex. Bar Furn. Cotters	✓				
29-34	B		S			37	Grate Operating Levers	522-E-1320	1-R 1-L	Alco 522-S-501765	1020 Steel	✓	522-E-1320			
29-35	B		S			38	" " "	522-F-1320	1-R 1-L	Alco 522-S-501766	1020 Steel	✓	522-F-1320			
						39	" " "									
						40	" " "									
						41	" " "									
						42	" " "									
29-26	B		S			43	Grate Bar Connections	522-A-1320	2	Alco 522-S-501761	1020 Bar	✓	522-A-1320			
29-27	B		S			44	" " "	522-B-1320	2	Alco 522-S-501762	1020 Bar	✓	522-B-1320			
29-28	B					45	" " "	522-C-1320	2	Alco 522-S-501763	1020 Bar	✓				
29-29	B					46	" " "	522-D-1320	2	Alco 522-S-501764	1020 Bar	✓				
						47	" " "									
						48	" " "									
29-30	B		S			49	Grate Rods	522-A-1325	2	Alco 522-S-501780	1020 Bar	✓	522-A-1325			
"	B		S			50	" " Jaws	522-A-1325	2	Alco 522-S-501780	1020 Bar	✓	522-A-1325	(Weld to Rod In Erect. Shop)		
29-31	B		S			51	" "	522-B-1325	2	Alco 522-S-501781	1020 Bar	✓	522-B-1325			
"	B		S			52	" " Jaws	522-B-1325	2	Alco 522-S-501781	1020 Bar	✓	522-B-1325	(Weld to Rod In Erect. Shop)		
29-38	B					53	Grate Lever Latch	522-A-1319	2	Alco 522-S-301290					L-52-S-10769	
29-39	B					54	" " "	522-B-1319	2	Alco 522-S-301291					L-52-S-10770	
						55	" " "									
						56	" " "									
29-51	B					57	" " " Pin	522-A-1245	4	Alco 522-S-40355	1020 Hex. Bar Furn. Cotters	✓				
						58	" " " "									
29-40	B		S			59	Grate Lever	522-A-1322 (Hand)	1	Alco 522-S-300844	1020 Steel	✓	522-A-1322			
						60	Grate Lever Cover	R								
						61	" " "	L								
						62										

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	NO. PCS.	DRAWING CARD NO.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH NO.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 52—GRATE DETAILS (Cont.)								
29-46	B	✓				1	Grate Rod Pins At Levers	4	522-K-1248 Alco 40203 / 522-S-40233	1020 Hex. Bar Furn. Cotters	✓				
						2	" " "								
						3	" " "								
						4	" " "								
29-45	B				S	5	Grate Connection Bar Pins	4	522-J-1248 Alco 522-S-40271	1020 steel	✓	522-J-1248			
29-44	B				S	6	" " " "	14	522-H-1248 Alco 522-S-40260	1020 steel	✓	522-H-1248			
						7	" " " "								
	B					8	" " " " Keys	18	152-B-63 Alco 152-A-301	Steel Ord. In P.D.					
						9	Grate Pins								
						10	" "								
						11	" "								
						12	Grate Drop Plate								
						13	" " "								
						14	" " " Arm								
						15	" " " Crank								
						16	" " " Handle								
						17	" " " Lever								
						18	" " " Lock								
						19	" " " " Pin								
						20	" " " Rod								
						21	" " " Shaft								
						22	" " " Pin								
						23									
						24									
						25	GROUP 53—HANDRAILS AND STEPS								
30-8	B					26	Hand Rail Arr'gt.	532-A-1219	1 Set	Alco 532-S-100960	1" Conduit L.S. ✓ 1" Std. Pipe R.S. & Bumper & L.S. Ft. Section				
	B					27	Hand Rail Fitting		2	1" x 1" Weldolet Ord. In P.D.	(Drill) for Taper Pins & (Bore for 1" Std. Pipe)				
30-29	B					28	" " Balls	532-A-1213	1	Alco 532-S-2037 Furn. Pin		L-53-S-9			
	B					29	" " "Union-R.S.		1	Pyle Nat. CCF-3	Ord. In P.D.				
30-17	B					30	" " Column	532-A-1212 (Height) (8")	10	Alco 532-S-25623		L-53-S-1387			
30-18	B					31	" " "	532-B-1212 (") (9")	2	Alco 532-S-25624		L-53-S-1558			
						32	" " "	(") ( )							
						33	" " "	(") ( )							
						34	" " "	(") ( )							
						35	" " "	(") ( )							
						36	" " "	(") ( )							
						37	" " "	(") ( )							
						38	" " "	(") ( )							
						39	" " "	(") ( )							
						40	" " "	(") ( )							
						41	" " "	(") ( )							
30-27	B					42	Hand Rail Column Caps	532-A-1212	12	Alco 532-S-25623				L-53-S-1383	
						43	" " " "								
						44	" " " "								
						45	" " " Straps								
						46	" " " "								
						47	" " " "								
30-11	B					48	" " " Washers	532-E-1163 (Height) ($2\frac{1}{4}$")	2	Alco 532-S-21810	1st. Cr. Ft. R. & L.			L-53-S-401	
30-12	B					49	" " " "	532-H-1163 (") (3")	2	Alco 532-S-21816	1st Cr. Bk. L.S. 2nd. Cr. R.S.			L-53-S-1375	
30-13	B					50	" " " "	532-F-1163 (") ($2\frac{3}{4}$")	2	Alco 532-S-21814	Fire Box Ft. R. & L.			L-53-S-416	
30-14	B					51	" " " "	532-D-1163 (") ($2\frac{1}{2}$")	2	Alco 532-S-21812	Fire Box Bk. R. & L.			L-53-S-1007	
						52	" " " "	(") ( )							
						53	" " " "	(") ( )							
						54	" " " "	(") ( )							
						55	" " " "	(") ( )							
30-25	B					56	Hand Rail Column Brackets (3" High)	532-A-1217	1	Alco 532-S-25843	1020 Bar	✓ 532-A-1217		(1st. Cr. Bk. R.S.)	
30-26	B					57	" " " "	(3" High) 532-A-1216	1	Alco 532-S-25106	1020 Bar	✓ 532-A-1216		(2nd. Cr. L.S.)	
						58	" " " "								
						59	" " " "								
30-28	B					60	" " End "	532-A-1208	2	Alco 532-S-24335	Located On Ends Of Bumper			Lima Path. 53-912	
						61	" " " "								
						62									

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE		No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 53—HANDRAILS AND STEPS (Cont.)									
30-2	P				S	1	Handles—Cab Handle	532-A-1204 ■	1-R 1-L	Alco 532-S-34600	1020 Bar	✓	532-A-1204			
						2	" " "	L								
						3	" Cab Gangway	R								
						4	" " "	L								
30-6	P				S	5	" Side of Cab Over Window	532-A-1198 ■	2	Alco 532-S-33803	1020 Bar	✓	532-A-1198			
						6	" " " "	L								
						7	" Front of Cab	R								
						8	" " " "	L								
						9	" Run. Board Step Grab Handle	R								
						10	" " " " " "	L								
						11	" Smoke Box Step Grab Handle	R								
						12	" " " " " "	L								
						13	Handles—Air Pump Shield									
						14	" Sand Box Lid									
						15	" " " Cover									
30-7	P					16	" Bottom Bumper R & L.	532-A-1209	2	Alco 532-S-25920	1020 Bar	✓	532-A-1209			
						17										
						18	Steps									
						19	Bell Step									
						20	" "									
						21	" " Filler Block									
						22										
30-50	P					23	Bumper Step Arr'gt.	532-A-1210 (■ R	1-Set-R 1-Set-L	Alco 532-S-408390						
" "	P					24	" " Frame	532-C-1210 (") ■	2	Alco 532-S-408392	1020 Bar	✓	532-C-1210			
" "	P					25	" " ■ Tread	532-B-1210	2	Alco 532-S-408391	1020 Bar Prick Punch	✓	532-B-1210			
						26	" " "									
						27	Bumper Step	(Back) R								
						28	" "	(") L								
						29	" " Brace									
						30	" " "									
30-44	P					31	Cab Step Arr'gt.	532-B-1199 ■	1-R 1-L	Alco 532-S-408361						
45	P				S	32	" "	532-A-1203 ■	1-R 1-L	Alco 532-S-408380	Apply Welds Angle	✓	532-A-1203			
46	P					33	" " Support	532-B-1200	1-R 1-L	Alco 532-S-408371	Angle	✓				
47	P				S	34	" " "	532-C-1200	1-R 1-L	Alco 532-S-408372	Bar Steel	✓	532-C-1200			
48	P				S	35	" " Bracket	532-D-1200	4	Alco 532-S-408373	Bar Steel	✓	532-D-1200			
						36	" " "									
						37	" " Brace									
						38	" " "									
						39	" " Angle									
						40	" " "									
30-30	P					41	Dynamo ■ Step	532-C-1218	1	Alco 532-S-60432	Plate	✓	532-C-1218			
30-31	P					42	" " Filler Block	532-A-1214	2	Alco 532-S-60066				L-53-S-1314		
30-32	P					43	" "	532-D-1218	1	Alco 532-S-60433	Plate	✓	532-D-1218			
	P					44	" " ■ Step Filler Block.	532-B-1214 ■	1	Alco 532-S-60064				L-53-S-1312		
						45	" "	L								
						46	" " Brace									
						47	" " "									
						48										
						49	Headlight Step									
						50	" " Bracket									
						51	" " "									
						52	" " Edge									
						53										
						54										
						55	Pilot Step	R								
						56	" "	L								
						57	" "									
						58	" "									
						59										
						60										
						61										
						62										

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE		NO. PCS.	DRAWING CARD NO.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH NO.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 53—HAND RAILS AND STEPS (Cont.)									
30-42	P					1	Running Board Step	532-A-1197 [redacted]	1-R 1-L	Alco 532-S-408340	Plate	✓				
						2	" " "	L								
30-43	P					3	" " " Treads	532-B-1197	4	Alco 532-S-408341	Diamond R.	✓				
						4	" " " "									
30-42	P					5	" " " Angles	532-A-1197	8	Alco 532-S-408340	Angle	✓				
						6	" " " "									
						7	" " " Filler Block									
						8	" " " " "									
						9										
						10	Smoke Box Front Step	R								
						11	" " " "	L								
						12										
31-5	P					13	Sand Box Step	532-A-1218 [redacted]	1	Alco 532-S-60430	Plate	✓	532-A-1218			
31-10	P					14	" " " Filler Block	532-A-1215	1	Alco 532-S-60109				L-53-S-1320		
31-8	P					15	" " "	532-B-1218 [redacted]	1	Alco 532-S-60431	Plate	✓	532-B-1218			
31-11	P					16	" " " Filler Block	532-B-1215	1	Alco 532-S-60112				L-53-S-1035		
						17										
						18	Side Sheet Step									
						19	" " "									
						20										
						21										
						22	GROUP 54—HEADLIGHTS, LAMPS, PLATES, ETC.									
						23	Classification Flags									
						24	" Flag Bracket									
						25	" " Case									
						26	" " " Support									
						27										
31-58	P					28	Marker [redacted] Lamp	"Pyle National"	2	Dwg. No. 18061-D	TSLC-228-RCB Ord. In P.D.					
	P					29	" " [redacted]	Roundels	2	Pyle National TSL-60-R	Red Ord. In P.D.					
32-20	P					30	" " "	Fixture 542-A-1022	2	Alco 542-S-46810				L-54-S-3487		
32-28	P					31	Marker Lamp [redacted]	Fixture Arrgt. 543-A-222	2 Sets	Alco 543-S-46800	Furn. Studs & Washers		(Wing Nuts Ord In P.D.)			
31-59	P					32	" "	Bracket 543-B-222	2	Alco 543-S-46801					L-54-S-3573	
32-29	P					33	" " "	Cover 543-C-222	2	Alco 543-S-46802	Steel Plate. Furn. Steel Handle	✓				
						34	Flag Socket									
						35	Lamp Bracket									
						36	" Socket									
						37	Bumper Flag— Fixture									
32-17	P					38	Signal Lamp Brkt.	542-A-1030	1	Alco 542-S-47030	Located On Smoke Box				L-54-S-3591	
32-15	P					39	Signal Lamp Brkt.	543-A-228	2	Alco 543-S-47040	Located on Bumper			L-54-S-3590		
31-26	P					40	Headlight	Pyle-Nat.	1	Pyle Nat. Dwg. 20-C-240	Ord. In P.D.		14" Reflector No Side Numbers.			
						41	" Housing									
						42	" " Bolting Ring									
						43	" " Conduit Fitting									
31-28	P					44	Headlight Shelf	542-A-1024	1	Alco 542-S-12540				L-54-S-3586		
						45	" " Edge									
						46	" " Bracket									
						47	" " "									
						48	" " Plate									
31-29	P					49	" " Grab Handle	532-A-1207	2	Alco 532-S-22543	1020 Bar	✓	532-A-1207			
						50										
						51	Train Number Indicator									
						52	" " " Support									
						53	" " " Lamp Case									
						54	" " " " "									
						55	Backhead Marker Plates									
						56	" " " Ash Pan Heater									
						57	" " " " " Sprinkler	R.S.								
						58	" " " " " "	L.S.								
						59	" " " Exhaust Injector									
						60	" " " " " Heater									
						61	" " " Stoker Booster									
						62	" " " " Operating									

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 54—HEADLIGHTS, LAMPS, PLATES, (Cont.)								
						1	—LAMPS—								
32-9	C					2	Air Gauge Lamp		Integral With Gauge						
						3	" " " Bracket								
						4	Booster Gauge Lamp								
						5	" " " Bracket								
32-4	C					6	St. Chest Pressure Gauge Lamp		Integral With Gauge						
						7	" " " " Bracket								
						8	Engineers Lamp								
						9	" " Bracket								
						10	F.W. Heater Gauge Lamp								
						11	" " " " Bracket								
						12	Gauge Panel Lamp								
						13	" " "								
						14	" " " Bracket								
						15	Lubricator Lamp								
						16	" " Bracket								
						17	Pyrometer Gauge Lamp								
						18	" " " Bracket								
32-2	C					19	Steam Gauge Lamp		Integral With Gauge						
						20	" " " Bracket								
						21	Steam Heat Gauge Lamp								
						22	" " " " Bracket								
32-11	C					23	Stoker Gauge Lamp		Integral With Gauge						
						24	" " " Bracket								
32-6	C					25	Water Gauge Lamp	R.S.	Integral With Gauge						
						26	" " " Bracket	R.S.							
						27	Water Gauge Lamp	L.S.							
						28	" " " Bracket	L.S.							
						29									
						30									
						31	—PLATES—								
32-52	C					32	Marker Plate - Frame	542-A-1029	2	Alco 542-S-302730	Located on Main Frame - R&L. At Lifting Pad	L-54-S-3592			
	C					33	Builders Identification Plate	542-A-1039	1		(Located On Inside of Cab Back Wall) Over Door Opening				54-891
	C					34	Builders Plate	(Lima Loco. W'ks)	2	Lima 543-F-196	Smoke Box R.&L.				Aluminum 54-882
						35	Cylinder Barrel Inspection Plate								
32-49	C ✓					36	Emblem Plate	543-A-227	2	Alco 543-S-302630	Located On Sides Of Cab R&L.	Cstg. Ord. In P.D. From Magnus			Aluminum L-54-S-3579
						37	Floating Guide Patent Plate								
						38	Name Plate (Ownership)								
						39	" " (Trust Plate)								
32-51	C					40	Number Plate Location Dwg.	543-A-229	1-Set-R 1-Set-L	Alco 543-S-302721	Apply Nuts For Screws To Cab Sides Before Lining is Applied				
32-35	C					41	" " [redacted]	543-A-225	2	Alco 543-S-302651	Apply Figures Per Spec. 81 to 100				Aluminum L-54-S-3582
32-33	C					42	" " Figures	543-A-226	1-Set	Alco 543-S-302620					
32-46	C					43	Patent Plate (Superheater)		1	Furnished By Superheater Co. (Located On L.S. Smoke Box)					
32-41	C					44	Classification Plate	543-A-223	2	Alco 543-S-302640	Located On Sides of Cab.				Aluminum L-54-S-3580
32-43	C					45	Pressure Plate	542-A-1025	1	Alco 542-S-82190	Located On Bk. Hd. Jacket				L-54-S-3585
32-42	C					46	" " " Insert	542-A-1025	1	Alco 542-S-82190	Sheet Brass ✓				
						47	Tandem Rod Drive Patent Plate								
						48	Thermic Syphon Patent Plate								
						49	Reid Steam Pipe Casing Patent Plate								
						50	Superheater Record Plate								
32-47	C					51	Speed Plate	542-A-1026	1	Alco 542-S-302680					L-54-S-3587
32-39	C					52	Crown Sheet Marker	542-A-1032	1		Furnish Studs, Screws & Nuts - 1020				Lima Patt. 54-890
31-37	C					53	Dynamo		1	Pyle National K-240-3, 24 Volt. Ord. In P.D.					
						54	" Exhaust Manifold								
31-47	C					55	" Bracket	542-A-1033	1	Alco 542-S-913050	Plate ✓	542-A-1033			
						56	" Supports								
						57	" "								
						58	" Plate								
31-48	C					59	" Support Washers	532-D-1163	4	Alco 532-S-21812	2½" High		L-53-S-1007		
						60	" " "								
						61									
						62									

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	NO. PCS.	DRAWING CARD NO.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 54—HEADLIGHTS, LAMPS, PLATES, (Cont.)								
31-41	P					1	Electric Wiring Arrangement	540-A-8	1-Set	Alco 5413-S-913110	Rev. "V"	✓	For Future	(List of Purchased Matl. On Dwg.)	
	P				✓	2	" " Material Order	54-MO-233	1-Set		Ord. In P.D.				
31-15	P					3	" " Pipe Clamps	542-A-1034	7	Alco 542-S-909670	1020 Bar	✓	542-A-1034		
31-16	P					4	" " " " Base	542-A-1034	7	Alco 542-S-909670	1020 Bar	✓			(Furn. Studs-1020)
31-17	P	✓				5	" " " " [illegible]	542-B-1034	#2	Alco 542-S-909671	1020 Bar	✓	542-B-1034		
31-18	P	✓				6	" " " " Base	542-B-1034	#2	Alco 542-S-909671	1020 Bar	✓			(Furn. Stud-1020)
						7	" " Conduit J-Bolts								
						8	" " " " "								
						9	" " " " "								
31-72	P					10	" " " Clamps	542-A-1038	3-Set	Alco 632-S-208630	Conduit Cab Roof	✓			
31-19	P					11	" " " " Arrgt.	542-A-1037	1-Set	Alco 542-S-911370					
31-20	P					12	" " " " Base	542-B-1037	1	Alco 542-S-911371	1020 Bar	✓	542-B-1037		
31-21	P					13	" " " Clamp Caps	542-C-1037	1	Alco 542-S-911372	1020 Bar	✓	542-C-1037		
						14	" " " " "								
						15	" " Bracket								
						16	" " "								
						17	" " Hose Coupler Support								
						18	" " Stack Light Bracket								
31-39	P					19	" " Diagram	547-A-26	1-Set	Alco 547-S-913090			Rev. "Z." For Future.		
						20	" "								
31-43	P					21	" " Receptacle Support [illegible]	542-A-1036	2	Alco 542-S-913060	1020 Bar	✓	542-A-1036	(On Loco. Bumper)	
31-44	P					22	" " Run. Bd. Lamp Support [illegible]	542-B-1036	2	Alco 542-S-913061	1020 Bar	✓	542-B-1036		
31-45	P					23	" " " " " [illegible]	542-D-1036	2	Alco 542-S-913063	1020 Bar	✓	542-D-1036		
31-46	P					24	" " " " " " [illegible]	542-H-1036	2	Alco 542-S-913066	Plate	✓	542-H-1036		
31-33	P					25	" " Conduit Support [illegible]	542-E-1036	1	Alco 542-S-913064	1020 Bar	✓	542-E-1036	(At Dynamo)	
31-34	P					26	" " " " U-Bolt [illegible]	542-C-1036	1	Alco 542-S-913062	1020 Bar	✓	542-C-1036		
31-35	P					27	" " Engr. Lamp Support [illegible]	542-F-1036	1	Alco 542-S-913065	1020 Bar	✓	542-F-1036	} Do Not Order For Future	
31-36	P					28	" " " Hdlt. Switch Support [illegible]	542-J-1036	1	Alco 542-S-913067	Plate	✓	542-J-1036		
						29	" " " " Bracket								
32-56	P					30	" " Conduit Clamps Arrgt.	542-A-1035	2-Set	Alco 542-S-912540					
32-57	P					31	" " " " Base	542-B-1035	2	Alco 542-S-912541	1020 Bar	✓	542-B-1035	} Ord. 7 pcs. for future instead of 2	
32-58	P					32	" " " " Cap	542-C-1035	2	Alco 542-S-912542	1020 Bar	✓	542-C-1035		
						33	" " " Clamp Caps								
						34	" " " " "								
						35	" " Plug Coupler Bracket								
						36	" " Acknowledging Box								
						37	" " " " Bracket								
						38	" " Pneumatic Reservoirs								
						39	" " " " Bracket								
						40	" " " Valves								
						41	" " " " Bracket								
						42	" " Track Receiver								
						43	" " " " Brackets								
						44	" " Conduit Clamps								
32-25	P					45	Water Level Indicator Brkt.	542-A-1023	1	Alco 542-S-302660	1020 Bar	✓	542-A-1023	Welded Constr. - Furn. Complete	
32-25	P					46	" " " " Bosses.	542-A-1023	2	Alco 542-S-302660	1020 Bar	✓	- Furn. Screws & Lock Washers.		
32-26	P					47	" " " Name Plate	542-B-1023	1	Alco 542-S-302661	Ord. In P.D.				
32-27	P					48	" " " "[illegible]"	542-C-1023	1	Alco 542-S-302662	Ord In P.D.				
						49	" " " " "								
						50									
						51									
						52	Engine Number Light Arr'g't.								
						53	" " " Frame								
						54	" " " Door								
						55	" " " Glass								
						56	" " " "								
						57	" " " Door Packing								
						58	" " " Frame "								
						59	" " " Glass Spring								
						60	" " " Door Latch								
						61	" " " Spring Retainer								
						62									

	APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
						GROUP 54—HEADLIGHTS, LAMPS, PLATES, (Cont.)								
					1	Valve Marker Plates								
					2	Valve Marker Name Plate (Air Pump)								
					3	" " " " (L.H. Water Glass)								
					4	" " " " (R.H. " ")								
					5	" " " " (Feed Pump)								
					6	" " " " (Steam Heat)								
					7	" " " " (Dynamo)								
					8	" " " " (Booster)								
					9	" " " " (Stoker)								
					10	" " " " (Hydro. Lub.)								
					11	" " " " (Mech. Lub.)								
					12	" " " " (Injector)								
					13	" " " " (")								
					14	" " " " (F.W. Heater)								
					15	" " " " (Blower)								
					16	" " " " (Power Reverse)								
					17	" " " " (Smoke Cons.)								
					18	" " " " (Oil Manifold)								
					19	" " " " (Master Turret)								
					20									
					21									
					22	**GROUP 55—INJECTOR AND FEED WATER**								
	P				23	Injector - "Nathan" Type 4131 U.S.A. Special" R.S.	1-R	Nathan Dwg. 4900	5000 Gal. Ord. In P.D.					
	P	1st. 10 Locos Without F.W.Htrs			24	" - "Nathan" Type 4131 U.S.A. Special L.S.	1-L	Nathan Dwg. 4900	5000 Gal. Ord. In P.D.					
7-40	P	1st 10 Locos. Without F.W.Htrs.			25	" Bracket 553-A-172	1-R 1-L	Alco 183-S-40321	Plate - Furn.& Apply Steel Washers	✓		553-A-172		
7-41	P	1st 10 Locos. Without F.W.Htrs			26	" " Brace 553-B-172	1-R 1-L	Alco 183-S-40322	Angle	✓		553-B-172		
	P	1st - 10 Locos. Without F.W.Htrs.			27	Injector Check "Edna" [redacted]	1	Dwg. No. A-1288-N	Assy.-A-2079 Ord. In P.D.					
					28	" " Flange R.S.								
	P	Last 10 Locos. With F.W. Htrs.			29	Injector Check "Edna" [redacted]	1	Dwg. No. A-1288-N	Assy.-A-2078 Ord. In P.D.					
					30	" " Flange L.S.								
					31	" " Flange Connection								
					32	Injector Extension Rod								
					33	" " " Handle								
7-38	P	Last 10 Locos. With F.W.Htrs.			34	" Brkt. - [redacted] 553-A-172	1-R	Alco 183-S-40321	Plate - Furn.& Apply Steel Washers	✓		553-A-172		
7-39	P	Last 10 Locos. With F.W. Htrs.			35	" " Brace " " 553-B-172	1-R	Alco 183-S-40322	Angle	✓		553-B-172		
	P				36	Injector Cab Stand "Nathan" R.S.	1	Nathan Dwg. 4903	Ord. In P.D.					
	P	10 Engs Only Without F.W. Htrs.			37	" " " [redacted] "Nathan" L.S.	1	Nathan Dwg. 4903	Ord. In P.D.					
	P	10 Engs Only Without F.W. Htrs.			38	Inj. Start. Valve Handle Brkt. Thimbles [redacted]	2	1" Ex. Hy. Pipe x 1½" Long.						
	P	10 Engs. Only Without F.W. Htrs.			39	Inj. Start. Valve Brkt. Boss 182-A-462	4	Alco 182-S-59520	1020 Bar	✓				
735	P				40	Inj. Starting Valve Brkt. - R.S. [redacted] 552-D-687	1	Alco 182-S-59434	1020 Bar	✓		552-D-687		
7-36	P	1st. 10 Engs. Only			41	" " " " - L.S. [redacted] 552-A-687	1	Alco 182-S-59430	1020 Bar	✓		552-A-687		
7-37	P	1st. 10 Engs. Only			42	" " " Handle Brkt. - L.S. [redacted] 552-B-687	1	Alco 182-S-59431	1020 Steel	✓		552-B-687		
7-42	P				43	" " " " " - R.S. " 552-E-687	1	Alco 182-S-59435	1020 Bar	✓		552-E-687		
	P	10 Engs. Only With F.W. Htrs.			44	" " " Brkt. Boss 182-A-462	2	Alco 182-S-59520	1020 Bar	✓				
	P				45	Feed Hose [redacted]	2	3½" I.D. x 4 Ply x 4'-6" Lg. - Ord. In P.D.						
	P				46	" " Clamps	2	"Clancy"	Ord. In P.D.					
					47	" " F.W.H. Cold Pump Suction								
					48	" " " " " "								
					49	" " Clamp								
					50	" " "								
33-20	P	1st. 10 Locos. Without F.W. Htrs.			51	" " Pipe Hanger 552-A-686	2	Alco 552-S-24601	1020 Bar	✓		552-A-686		
33-19	P	Last 10 Locos With F.W. Htrs.			52	" " " " 552-A-686	1	Alco 552-S-24601	1020 Bar	✓		552-A-686		
					53	" " " " Bracket								
					54	" " " " "								
33-23		10 Engs Only			55	" " Pipe Coupling 552-A-677		Alco 552-S-24601						L-55-A-36
59-43	P				56	" " " " Nut 552-A-678	2	ALCO 822-A-4053						L-82-A-14.
					57	" " " " "								
59-41	P				58	" " " " Sleeve. R.S. 552-B-676	1	ALCO 822-A-4077						L-82-A-29.
59-44	P	10 Engs. Only			59	" " " " " - L.S. 552-B-676	1	ALCO 822-A-4077						L-82-A-29.
59-42	P	F.W Htr. Locos. 10 Engs. Only			60	" " " " " - L.S. 552-A-676	1	ALCO 822-A-4075						L-82-A-27.
					61									
	P				62	Injector Oper. Rods	1-Set	Steel Rods To Suit In Erect. Shop						

	APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
						GROUP 55—INJECTOR AND FEED WATER								
33-21	f	f			1	Strainer R.S.	1	M.M.&M. Dwg.# B-888-15	Ord. In P.D.					
33-22	f	f For 10 Engs. Only.			2	" [redacted] L.S.	1	M.M.&M. Dwg. B-888-15	Ord. In P.D.		(For L.S. Of Locos. With out F.W.H.)			
					3	" Cap								
					4	" Nut								
					5	" Sleeve								
					6	" Swivel								
					7	" Coupling Nut								
					8	" " Sleeve								
					9									
					10	Injector Overflow Deflector								
					11	" " " Support								
					12	Injector Steam Pipe Coupling								
					13	" " " " Flange								
					14	" " " " Sleeve								
					15	" " " " "								
					16									
	f	For 10 Engs Only			17	Feed Water Heater Type 3-SA	1	W.P.&M. Co. Dwg. DY-91147	Ord. In P.D.					
7-25	f	For 10 Engs. Only			18	" " " Support 552-B-679	1	Alco 182-S-59012				L-18-S-1084		
	f	For 10 Engs Only			19	" " " Pump - Hot Type 4-SA	1	W.P.&M. Co. Dwg. DY-87153	Ord. In P.D.					
	f				20	" " " " Bracket		See Page 47 Item #9						
39-25	f	For 10 Engs. Only			21	" " " Exhaust Pipe Exh. Steam 553-A-168	1	Alco 553-S-93670				L-55-S-1714		
					22	" " " " " Joint Ring								
39-23	f	For 10 Engs. Only			23	" " " " " Exh. Steam 553-C-170	1	Alco 553-S-93692				L-55-S-1718		
					24	" " " " " Joint Ring								
39-24	f	For 10 Engs. Only			25	" " " [redacted]" " Exh. Steam 553-D-170	1	Alco 553-S-93693				L-55-S-1719		
					26	" " " " " Joint Ring								
39-26	f	For 10 Engs Only			27	" " " Hot Water [redacted] Pipe 553-B-168	1	Alco 553-S-93671				L-55-S-1715		
	f	For 10 Engs. Only			28	" " " Oil Separator (Exh. St. Take-off) 5"	1	Swartwout Co. Dwg. LOS-9172-1	Ord. In P.D.					
	f	For 10 Engs. Only			29	" " " " " (Hot Pump Exh.) 2"	1	Swartwout Co. Dwg. 9466	Ord. In P.D.					
39-21	f	For 10 Engs. Only			30	" " " Hot Water Pipe [redacted] 553-A-170	1	Alco 553-S-93690				L-55-S-1716		
39-22	f	For 10 Engs. Only			31	" " " " " " [redacted] 553-B-170	1	Alco 553-S-93691				L-55-S-1717		
					32	" " " Test Plug								
					33	" " " " " Pipe Pad								
					34	" " " Del. Drain Pipe Pad								
					35	" " " Sleeve C.P. Strainer Hose								
					36	" " " " Suction Hose								
					37	" " " " " "								
					38	" " " " Nut Suction Hose								
					39	" " " " " " "								
					40	" " " Hose Coupling								
					41	" " " " "								
					42	" " " Flange Discharge Line								
					43	" " " " " "								
					44	" " " Sleeve " "								
					45	" " " Joint Ring " "								
					46	" " " Elbow " "								
					47	" " " " Joint Ring								
33-24	f	For 10 Engs. Only			48	" " " Cold Pump Elbow 552-A-683	1	Alco 552-S-30540	L.S. Eng.			L-55-S-1720		
33-25	f	For 10 Engs. Only			49	" " " " " " Joint Ring 792-A-229	1	Alco 552-S-41521	L.S. Eng.			L-63-S-3986		
					50	" " " Hot Pump Elbow								
					51	" " " " " " Joint Ring								
39-47	f	For 10 Engs. Only			52	" " " Pipe Flange 553-~~A~~-B-167	2	Alco 106772 633-S-~~106771~~				L-63-S-5452		
39-60	f	For 10 Engs Only			53	" " " " Joint Ring Gasket 792-F-231	1	Alco 552-S-42056				L-55-S-1495		
39-54	f	For 10 Engs. Only			54	" " " " " Joint Ring 792-A-231	1	Alco 552-S-42051				L-80-S-2847		
39-55	f	For 10 Engs. Only			55	" " " " " Joint Ring 792-B-231	1	Alco 552-S-42052				L-55-S-1495		
39-56	f	For 10 Engs. Only			56	" " " " " Joint Ring 792-C-231	1	Alco 552-S-42053				L-55-S-1697		
39-57	f	For 10 Engs. Only			57	" " " " " Joint Ring 792-D-231	2	Alco 552-S-42054				L-55-S-1372		
39-58	f	For 10 Engs Only			58	" " " " " Joint Ring 792-A-230	5	Alco 552-S-41143				L-80-S-383		
39-59	f	For 10 Engs Only			59	" " " " " Joint Ring 792-E-231	3	Alco 552-S-42055				L-80-S-383		
33-5	f	For 10 Engs. Only			60	" " " Gasket 552-A-681	1	Alco 552-S-93680	Asbestos Ord. In P.D.					
	f	For 10 Engs. Only			61	" " " Cold Pump - Type SA	1	W.P.&M. Co. SK-59322	Ord. In P.D.					
7-17	f	For 10 Engs. Only			62	" " " " " Brkt. 553-A-171	1	Alco 183-S-59350	Rev. "Y" For Future.			L-18-S-1085		

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE		No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MATL ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 55—INJECTOR AND FEED WATER									
33-13	B	For 10 Engs. Only				1	Feed Water Heater Casing	554-A-36	1	Alco 554-S-93720	Plates, Angles & Bars	✓	(Furn. Complete)			
						2	" " " "									
33-13	B	For 10 Engs. Only				3	" " " " Angle	554-A-36	6	Alco 554-S-93720	Angle	✓				
33-14	B	For 10 Engs. Only			S	4	" " " " "	552-A-684	6	Alco 552-S-93251	Bar Steel	✓	552-A-684			
						5	" " " " "									
						6	" " " " Jacket Angle									
						7	" " " " " "									
						8	" " " "									
7-19	B	For 10 Engs. Only				9	Hot Pump Brk't. Arrgt.	553-A-169	1 Set	Alco 183-S-59380						
7-20	B	For 10 Engs. Only				10	" " "	553-E-169	1	Alco 183-S-59384	Plate	✓	553-E-169			
7-21	B	For 10 Engs. Only				11	" " " Brace	553-C-169	1	Alco 183-S-59382	Plate	✓	Lima Sk.# 55-A-99 ~~553-C-169~~			
7-22	B	For 10 Engs. Only				12	" " " Rib	553-D-169	1	Alco 183-S-59383	Plate	✓	(Weld On)			
7-23	B	For 10 Engs. Only				13	" " " Brace	553-F-169	1	Alco 183-S-59385	Plate	✓	Lima Sk.# 55-A-100 ~~553-F-169~~			
33-33	B					14	Delivery Pipe Baffle Pan	554-A-35	1	Alco 554-S-93710	Welded Constr. Plate & Angles	✓	(Furn. Complete)			
33-34	B				(b) S	15	" " " " Support	552-A-682	2	Alco 551-S-93700	1020 Bar	✓	552-A-682			
33-35	B				S	16	" " " " "	552-B-682	10	Alco 551-S-93701	1020 Bar	✓	552-B-682			
33-36	B				S	17	" " " " "	552-C-682	4	Alco 551-S-93702	1020 Bar	✓	552-C-682			
						18										
39-16	B	For 10 Engs. Only				19	F.W.H. Steam Separator	552-A-685	1	Alco 552-S-93070	Furn. Complete R., Pipe & Tube	✓				
						20										
						21	Injector Steam Pump									
						22	" " " Support									
						23	" " " " Brace									
						24	" " " Arrangement									
						25	" " " Exhaust Joint									
						26	" " " " Hose									
						27	" " " Connection									
						28	" " " " Nut									
						29	" " " " Sleeve									
						30										
						31	Exhaust Steam Injector Elbow									
						32	" " " " Joint Ring									
						33	" " " Exhaust Pipe									
						34	" " " " "									
						35	" " " " " Gasket									
						36										
						37	Exhaust Steam Injector									
						38	" " " Support									
						39	" " " " Brace									
						40	" " " Connection									
						41	" " " " Nut									
						42	" " " " Sleeve									
						43										
						44	Exhaust Steam Injector Exhaust Pipe Joint Ring									
						45	" " " " " " "									
						46	" " " " " Flange									
						47	" " " Steam Pipe Stuffing Box									
						48	" " " " " " " Gland									
						49	" " " " " " " Packing									
						50	" " " Water Regulator Rod Arr'g't.									
						51	" " " " " Rigging Lever									
						52	" " " " " Con. Rod									
						53	" " " " " " " Jaws									
						54	" " " " " " " " Pins									
						55	" " " " " Shaft Support									
						56	" " " " " " "									
						57	" " " " " Quadrant Bracket									
						58	" " " " " Start. Valve Rod									
						59										
						60										
						61										
						62										

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE		No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 57—LAGGING AND JACKET									
34-2	B					1	Lagging	(Boiler) 572-A-291	1-Set	Alco 571-S-804510	Ord. In P.D.					
						2	" Panel									
						3	" "									
						4	" "									
						5	" "									
						6	" "									
						7	" Angle Iron									
						8	" " "									
						9	" " "									
						10	" " "									
						11	" " "									
33-43	B ✓					12	Jacket Boiler Arr'gt	570-A-19	1-Set	Alco 570-S-32130	#18 Jacket	✓	(Furn. Bands, Angles, Screw Reverse Casing, & Patch Plates. also Filler Bars. & W.P. Casing Extensions.			
33-50	B					13	" 1" Pipe Thimbles		1-Set	3/4" Std. Wt. Iron Pipe To Consist of following: 21 pcs. x 1 1/4" Lg. - 8 pcs. x 1 1/2" Lg. - 20 pcs. x 1 1/8" Lg. - 4 pcs. x 1" Lg.						
38-41						14	" M.O.	572-A-299	1-Set	Alco 571-S-804520		✓				
33-45	B					15	" Clamp	572-A-241	56	Alco 572-S-4715				L-57-A-2		
33-48	B					16	" " Studs	572-A-241	28	Alco 572-S-4715	Steel - Furn. Nuts	✓				
33-46	B ✓					17	" "	572-B-241	~~40~~ 60	Alco 572-S-4717				L-57-A-1		
33-47	B ✓					18	" " Studs	572-C-241	~~20~~ 30	Alco 572-S-4719	Steel - Furn. Nuts	✓				
						19	" Acorn Nuts									
						20	" " "									
46 45 to 42	B					21	" Plug Casings	572-B-292 (Washout Plugs)	14	Alco 662-S-91753	Pressed Steel Ord. In P.D.		(1st. Cr., 2nd. Cr., Fire Box & Bk. Hd.)			
46-50	B					22	" " "	572-A-293 (" ")	2	Alco 662-S-91820	" " "		(Bk. Corners)			
46-49	B					23	" " "	572-B-293 (" ")	2	Alco 662-S-91821	" " "		(Ft. Corners)			
46 35 to 36	B ✓					24	" " "	572-A-292 (Arch Tube)	~~8~~ 9	Alco 662-S-91751	" " "		(Bk. Hd. & Throat 2/3, Belly Boiler Plug)			
						25	" " "	(Syphon Plugs)								
						26	" " "	(" ")								
						27	" " Casing Covers	(Washout Plugs)								
						28	" " " "	(" ")								
						29	" " " "	(" ")								
						30	" " " "	(Syphon Plugs)								
						31	" " " "	(" ")								
						32	" Plug Casing	(Water Column)								
						33	" " "	(Water Glass)								
						34	" " "	(Injector Check)								
						35	" " "	(" ")								
						36	" " "	(W.G. Leveling Bracket)								
						37	" " "	(Smoke Cons. Jets								
						38	" " "	(Throat Corners)								
						39	" " "	(Boiler Test Plate)								
33-55	B					40	" " "	572-C-292 (Marker Plate)	1	Alco 662-S-91752	Pressed Steel Ord. In P.D.					
						41										
34-12	B ✓					42	Cylinder Lagging & Jacket	574-A-~~10~~ 11 ✓	1-Set-R.	Alco 93280	Furn. & Apply					
						43	" Jacket		1-Set-L.	574-S-~~93270~~	Wires & Screws.	✓				
						44	" " Clamps									
						45	" " Method of Fastening									
						46	" " Ornament									
						47	" " Acorn Nuts									
						48	" " Nut									
34-12	B ✓					49	" " Inspection Door	574-A-~~10~~ 11	2	Alco 93280 574-S-~~93270~~	1020 Bars & Cover Plates & Angles					
33-49	B					50	Jacket Liner	572-A-296	1	Alco 572-S-42530	Plate	✓	(For Bk. Hd. Name Plates)			
						51										
						52										
						53	Pipe Covering Jacket									
						54	" " Lagging									
						55	" " " Material Order									
						56	" " Method of Application									
						57										
						58										
						59										
						60										
						61										
						62										

APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
					GROUP 57—LAGGING AND JACKET								
				1	Sky Line Casing								
				2	" " " Material								
				3	" " " Support								
				4	" " " "								
				5	" " " "								
				6	" " " "								
				7	" " " "								
				8	" " " "								
				9	" " " "								
				10	" " " "								
				11	" " " "								
				12	" " " "								
				13	" " " "								
				14	" " " "								
				15	" " " "								
				16	" " " "								
				17	" " " "								
				18	" " " "								
				19	" " " Angles								
				20	" " " "								
				21	" " " "								
				22	" " " "								
				23	" " " Dome Ring								
				24	" " " " " Angle								
				25	" " " Door								
				26	" " " "								
				27	" " " "								
				28	" " " " Latch								
				29	" " " " " Handle								
				30	" " " " " Arr'g't.								
				31	" " " Inspection Door								
				32									
				33									
				34									
				35	Stream Line Shrouding								
				36	" " " Material								
				37	" " " Supports								
				38	" " " "								
				39	" " " "								
				40	" " " "								
				41	" " " "								
				42	" " " Carlines								
				43	" " " "								
				44	" " " "								
				45	" " " Frame								
				46	" " " "								
				47	" " " "								
				48	" " " "								
				49	" " " Angles								
				50	" " " "								
				51	" " " "								
				52	" " " "								
				53	" " " Door								
				54	" " " "								
				55	" " " "								
				56	" " " "								
				57	" " " " Latch								
				58	" " " " " Handle								
				59	" " " " " Arr'g't.								
				60	" " " Inspection Door								
				61									
				62									

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 58—LINK MOTION								
34-16	P					1	Link (Mach. R & L.)	1-R 1-L	Alco 582-S-106011	1050 Plate - Flame Cut ✓ & Flame Hardened Wearing Surfaces			Lima Blocks Made to 582-C-607. For Future Use "A" Line.		
34-18	P ✓					2	" Block	2	Alco 106120 582-S-106020	1050 Plate - Flame Cut & Flame Hardened Wearing Surfaces			(Apply Felt Washers ~~& Wires~~ & Hair. - Ord. In P.D.)		
36-4	P					3	" " Cover ~~Bushing~~	Alco 582-B-608	2	582-S-106121	Plate	✓	(Apply Cap Screws & Lock Washers - Ord. In P.D.)		
						4	" Bushings								
35-15	P					5	" Tail Bushing	Alco 583-B-124	2	583-S-91307					AAR. Phos. Bronze L-58-S-1927.
34-19	P				S	6	" ~~Cheek~~ Trunnion - Forging Dwg.	Alco 582-A-598	4	582-S-104862	Med. Car. Steel	✓	Also 582-S-104862 } For Forging 582-A-598		
34-16	P				Ⓑ	7	" ~~Fillet~~ Trunnion - Machining Dwg.	Alco 582-A-604	4	582-S-106011	Med. Car Steel L.S. Link, Outside Trunnion slotted for Lub. Drive				
						8	" Trunnion Bushings								
						9	" " "								
						10	" Saddle								
						11	" " Pin								
						12	" " " Bushings								
						13	" Bolts								
						14	" Nuts								
34-17	P					15	Link & Block Burning Diagram	582-A-606	1 Set	Alco 582-S-106031	Flame Cutting Only				
						16									
34-21	P					17	Link Support - R.S.	584-A-21	1	Alco 584-S-106040				L-58-S-2231-R.H.	
34-22	P					18	" " - L.S.	584-B-21	1	Alco 584-S-106041				L-58-S-2232-L.H.	
35-14	P					19	" " Bushing	582-A-596	4	Alco 582-S-93148					AAR. Phos. L-58-S-2123 Bronze
						20	" " Blocking Bolt								
						21	" " " " Sleeve								
						22	" " " " Eye Bolt								
	P					23	Motion Work Marking	994-A-25	1 Set	Alco 994-S-53190					
						24									
						25	Motion Bearer								
						26	" " Knee								
						27	" " Knee								
						28									
						29									
34-29	P				S	30	Radius Rod	582-B-546	1-R 1-L	Alco 582-S-34633	Med. Car. Steel Furn Taper Pins	✓	582-B-546		
						31	" "								
35-16	P					32	" " Bushings - Front	583-B-124	2	Alco 583-S-91307					AAR. Phos. Bronze L-58-S-1927.
						33	" " "								
35-5	x P					34	" " Pins - Back	582-B-609	2	Alco 582-S-93338	1020 Casehardened Furn. Taper Pins	✓			
35-4	x P					35	" " " - Middle	582-C-610	2	Alco 582-S-93612	1020 Casehardened Furn. Dowel & Cotter	✓	(Nut Casehardened Ord. In P.D.)		
						36									
34-32	P				S	37	Radius Rod Lifting Link	582-A-602	1-R 1-L	Alco 582-S-22130	Mild Steel Apply Pipe Plugs	✓	582-A-602		
35-18	P					38	" " " " Bushing - Top	583-C-124	2	Alco 583-S-91313					AAR. Phos. Bronze L-58-S-1927.
35-19	P					39	" " " " " - Bottom	583-B-124	2	Alco 583-S-91307					AAR. Phos. Bronze L-58-S-1927.
34-25	P				S	40	Combination Lever	582-A-601 R.S.	1 R	Alco 582-S-66650	Med. Car. Steel Furn. Dowels	✓	582-A-601	(Apply Pipe Plugs & Curled Hair	
34-26	P				S	41	" "	582-B-601 L.S.	1 L	Alco 582-S-66651	Med. Car. Steel Furn. Dowels	✓	582-B-601	(" " ")	
34-57	x P					42	" " Pin - Top	582-A-609	2	Alco 582-S-93337	1020 Casehardened Furn. Taper Pins	✓			
34-58	x P					43	" " " - Middle	582-B-610	2	Alco 582-S-93611	1020 Casehardened Furn. Taper Pin	✓			
35-10	P					44	" " Bushing - Bottom	583-B-124	2	Alco 583-S-91307					AAR. Phos. Bronze L-58-S-1927.
						45	" " "								
						46									
34-27	P				S	47	Union Link	582-A-600	2	Alco 582-S-66241	Med. Car Steel	✓	582-A-600		
35-2	x P					48	" " Pin	582-A-610	4	Alco 582-S-93610	1020 Casehardened Furn. Dowel & Cotter	✓	(Nut Casehardened Ord. In P.D.)		
						49	" " Bushings								
						50	" " Brass								
						51	Slide Block								
						52	" " Cap								
						53	" " Bottom								
						54	" " Trunnions								
						55	" " Liners								
						56	Transmission Bar								
						57	" " Hanger								
						58	" " Link								
						59	" " Pin								
						60	Baker Valve Gear Drilling								
						61	" " " Extension								
						62									

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P.D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 59—OIL CUPS AND LUBRICATOR								
37-29	P					1	Crosshead Oil [redacted] Cup Block	592-F-1133	2	Alco 602-S-3605	1020 Bar	✓			
37-19	P					2	Crosshead [redacted] Oil Cup Arrgt.	593-A-139	1-Set-R 1-Set-L	Alco 603-S-3580	(Lock Washers & Screws Ord. In P.D.)				
" "	P					3	" " " " [redacted] Pipe	593-A-139	1-R 1-L	Alco 603-S-3580	⅜" I.P. Size Copper	✓			
37-28	P					4	" " " " Cap	592-C-1129	2	Alco 602-S-400052	Hard Brass Bar Comm.	✓			
37-27	P					5	" " " " [redacted] Valve	592-B-1128	2	Alco 602-S-400031	1020 Bar	✓			
37-22	P					6	" " " " Coupling [redacted] Nut	592-A-1133	2	Alco 602-S-3600	Stick Brass	✓			
37-23	P					7	" " " " Valve [redacted] Guide	592-B-1133	2	Alco 602-S-3601	1020 Bar	✓			
37-24	P					8	" " " " Spindle	592-C-1133	2	Alco 602-S-3602	1020 Bar	✓			
37-20	P					9	Crosshead Oil Cup	592-A-1132	2	Alco 602-S-3590				L-60-S-2106	
37-21	P					10	" " " Cover [redacted]	593-K-134	2	Alco 603-S-400028	C.R. Steel Bar	✓			
37-25	P					11	" " " Valve [redacted] Guide Washer	592-D-1133	2	Alco 602-S-3603	1020 Bar	✓			
37-26	P					12	" " " [redacted] Wick	592-E-1133	2	Alco 602-S-3604	Wire & Wool Yarn	✓			
54-35	P					13	" " " Spring	762-B-409	2	Alco 762-S-93111	Steel Ord. In P.D.				
						14	Dynamo Oil Cup								
						15	" " " Cap								
						16	" " " Nut								
						17	" " " Stem								
	P					18	Ecc. Rod Oil Cup Spg. Washer	592-K-1129	2	Alco 602-S-400058	C.R. St. Bar	✓			
35-47	P					19	Eccentric Rod [redacted] Oil Cup	592-A-1131	2	Alco 602-S-400040	(Lock Washers & Cap Screws Ord. In P.D.)				
35-48	P					20	" " " " Cover [redacted]	593-H-134	2	Alco 603-S-400026	C.R. Steel	✓			
35-53	P					21	" " " " [redacted] Cap	592-C-1129	2	Alco 602-S-400052	Hard Brass Bar Comm.	✓			
35-54	P					22	" " " " Plungers [redacted]	592-D-1129	2	Alco 602-S-400053	Piano Wire Ord. In P.D.				
35-49	P					23	" " " " Valve	592-B-1128	2	Alco 602-S-400031	1020 Bar	✓			
35-50	P					24	Eccentric Rod Oil Cup " Guide	592-E-1129	2	Alco 602-S-400054	1020 Bar	✓			
35-51	P					25	" " " " Spindle [redacted]	592-F-1129	2	Alco 602-S-400055	1020 C.R.S.	✓			
35-52	P					26	" " " " [redacted] Adapter	592-B-1129	2	Alco 602-S-400051	1045 Bar steel	✓			
54-42	P					27	" " " " Spring Exp.	762-B-409	2	Alco 762-S-93111	Ord. In P.D.				
36-2	P					28	Furnace Bearer Oil Cup Shoe		2	"Gitts" #1007 Style "C"	Ord. In P.D.				
						29	" " " "								
						30	" " " " Cap								
						31	" " " " Stem								
						32	" " " " Extension								
	P					33	Valve Motion Oil Cups	"Gitts"	16	Gitts # 548	Ord. In P.D.				
						34	Guide Oil Cup								
						35	" " " Cap								
						36	" " " Nut								
						37	" " " Stem								
36-15	P	✓				38	Link Support Oil Cup	592-B-~~9~~ 916	4	Alco 602-S-7981	Pipe Plug Drill as shown				
36-10	P					39	Link Oil Cup - Monkey Tail	592-A-1125	2	Alco 601-S-70610	Pipe Bushing - Ord. In P.D. Mach. as shown				
						40	" " " Cap								
	P					41	Piston Rod Ext. Guide Oil Cup	"Gitts"	2	Gitts # 548	Ord. In P.D.				
						42	Link Lifter Oil Cup								
						43	" " " " Cap								
						44									
36-22	P					45	Radius Rod Oil Cup	592-B-1125	2	Alco 601-S-70611	Pipe Bushing - Ord. In P.D. Mach. as shown				
						46	" " " " Cap								
						47	" " " " Nut								
						48	" " " " Stem								
36-11	P					49	Link Oil Cup - Top	592-A-1130	2	Alco 602-S-70620	(Lock Washers & Cap Screws Ord In P.D.)				
36-9	P					50	[redacted] Oil Cup Wick	592-B-1130	2	Alco 602-S-70621	Wire & Wool Yarn.	✓			
36-8	P					51	" [redacted] " " Cap	592-C-1129	2	Alco 602-S-400052	Hard Brass Bar Comm.	✓			
36-12	P					52	" " " Cover	593-J-134	2	Alco 603-S-400027	C.R. Steel	✓			
36-13	P					53	Link [redacted] Oil Cup Valve	592-B-1128	2	Alco 602-S-400031	1020 Bar	✓			
36-14	P					54	" " " " [redacted]" Guide	592-E-1128	2	Alco 602-S-400034	1020 Bar	✓			
36-7	P					55	" " " " [redacted] Spindle	592-H-1129	2	Alco 602-S-400056	1020 Bar Steel	✓			
54-36	P					56	" " " " [redacted] Spring	762-B-409	2	Alco 762-S-93111	Ord. In P.D.				
	P					57	" " " " Spg. Washer	592-K-1129	2	Alco 602-S-400058	C.R. St. Bar	✓			
	P					58	Reverse Shaft Arm [redacted] Oil Cup	"Gitts"	1	Gitts # 548	Ord. In P.D.				
						59	" " " " Cap								
						60	" " " " Nut								
						61	" " " " Stem								
47-47	P					62	Screw Reverse Brg. Oil Cup Caps	592-A-916	2	Alco 602-S-7980	½" pipe Plug ½ Drill As Shown	✓			

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 59—OIL CUPS AND LUBRICATOR								
						1	Transmission Oil Cup								
						2	" " " Cap								
						3	" " " Nut								
						4	" " " Stem								
						5									
						6	Piston Rod Oil Cup								
						7	" " " " Cap								
						8	" " " " Nut								
						9	" " " " Stem								
						10									
						11	Piston Rod Packing Oil Cup								
						12	" " " " " Cap								
						13	" " " " " Nut								
						14	" " " " " Stem								
37-38	P					15	Rod Oil Cup Valve - Main & Side	12	592-A-1128	Alco 602-S-400030	1020 Bar	✓			
37-39	P					16	" " " " - Side Rod Knuckle Pin	6	592-B-1128	Alco 602-S-400031	1020 Bar	✓			
37-40	P					17	" " " Valve Guide - Main Rod & Main Side	4	592-C-1128	Alco 602-S-400032	C.R. Steel-Hex. 1020	✓			
37-41	P					18	" " " " " Nut - Ft, Ft. Int. & Bk. Int. & Bk.	8	592-D-1128	Alco 602-S-400033	C.R. Steel-Hex. 1020	✓	(Side Rods)		
37-42	P					19	" " " " Stem - Side Rod Knuckle Pins	6	592-E-1128	Alco 602-S-400034	1020 Bar	✓			
37-44	P					20	" " " Spindle - Main Rod	4	592-H-1128	Alco 602-S-400036	C.R. Steel	✓			
37-45	P					21	" " " " Valve Stem Packing Oil Cup - Main Side Rod	2	592-J-1128	Alco 602-S-400037	C.R. Steel	✓			
37-46	P					22	" " " " - S. Rod Ft. Cap & Bk.	4	592-K-1128	Alco 602-S-400038	C.R. Steel	✓			
37-47	P					23	" " " " - Side Rod Ft. Int. & Bk. Int.	4	592-L-1128	Alco 602-S-400039	C.R. Steel	✓			
37-48	P					24	" " " " - S.R.-Knuckle Pins	6	592-A-1129	Alco 602-S-400050	C.R. Steel	✓			
37-49	P					25	" " " " Adapter - Main & S. Rods	20	592-B-1129	Alco 602-S-400051	1045 Bar	✓			
37-50	P	✓				26	" " " Cover Caps	20	592-C-1129	Alco 602-S-400052	Hard Brass Bar Comm.	✓			
	P					27	" " " " " Cap Screws	120		1" Std. Coarse Thds. 4 Hex. Hds.	Ord. In P.D.				
	P					28	" " " " " Washers	120		#14 "Shakeproof" Steel Lock Washer	Ord. In P.D.				
						29	" " " " " Stem								
						30	" " " " " Plug								
	P					31	Knuckle Pin Oil Cup Spg Washers	6	592-K-1129	Alco 602-S-400058	C.R. Steel Bar	✓			
						32	Trailer Truck Oil Cup								
						33	" " " " Cap								
						34	" " " " Spring Cover								
						35									
36-34	P					36	Throttle Lever Support Oil Cup	1	592-A-1112	Alco 601-S-7371	Hex. Steel	✓			
36-38	P					37	" Rod Arm Oil Cup	1	"Gits"	Gits Cat. # 804	Ord. In P.D.				
						38									
						39									
36-52	P					40	Main Rod Oil Cup (Mach. R&L.)	1-R 1-L	593-A-135	Alco 603-S-400060			(Machining Dwg. For Oil Cup)		
37-32	P					41	" " " " Cover	1-R 1-L	593-A-134	Alco 603-S-400020	C.R. Steel 1020	✓			
37-35	P					42	Side " " " " - Main Side	2	593-D-134	Alco 603-S-400023	" " "	✓			
37-36	P					43	" " " " " - Knuckle Pin Ft. & Bk.	4	593-E-134	Alco 603-S-400024	" " "	✓			
37-37	P					44	" " " " " - Knuckle Pin Int.	2	593-F-134	Alco 603-S-400025	" " "	✓			
37-43	P	✓				45	Main & Side " " " Spg. Seat	4	592-F-1128	Alco 602-S-400035	Steel-C.R. Bar Ord. In P.D.	✓	(Bk. End M.R. & Main Side)		
37-51	P					46	" " " " " Plungers	20	592-D-1129	Alco 602-S-400053	Piano Wire Ord. In P.D.				
54-39	P					47	Main Rod Oil Cup Spring	2	762-A-409	Alco 762-S-93110	Steel Ord. In P.D.				
54-41	P					48	Knuckle Pin Oil Cup Spring	6	762-B-409	Alco 762-S-93111	Steel Ord. In P.D.				
36-54	P					49	Side Rod Oil Cup - Ft. & Bk.	2-Ft. 2-Bk.	593-A-136	Alco 603-S-400070			(Machining Dwg. For Oil Cup)		
36-55	P					50	" " " " - Ft. Int. & Bk. Int.	2-Ft. 2-Bk.	593-B-136	Alco 603-S-400071			(Machining Dwg. For Oil Cup)		
36-56	P					51	" " " " - Main Side	2	593-A-137	Alco 603-S-400080			(Machining Dwg. For Oil Cup)		
36-57	P					52	Knuckle Pin " " " - Ft. & Bk.	2-Ft. 2-Bk.	593-A-138	Alco 603-S-400090			(Machining Dwg. For Oil Cup)		
36-58	P					53	" " " " - Int.	2	593-B-138	Alco 603-S-400091			(Machining Dwg. For Oil Cup)		
37-33	P					54	Side Rod Oil Cup Cover - Ft. & Bk.	4	593-B-134	Alco 603-S-400021	C.R. Steel	✓			
37-34	P					55	" " " " " - Ft. Int. & Bk. Int.	4	593-C-134	Alco 603-S-400022	C.R. Steel	✓			
54-40	P					56	Side Rod Oil Cup Spring	10	762-A-409	Alco 762-S-93110	Steel Ord. In P.D.				
						57									
	P					58	Eng. Trk. Cellar Oil Cup	2	"Gits"	Style "OG" Steel Elbow Oil Gauge - #1703.	Ord. In P.D.				
	P					59	Driv. Box Cellar Oil Cup	10	"Gits"	Style "OG" Steel Elbow Oil Gauge - #1705	Ord. In P.D.				
						60									
						61									
						62									

	APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
						GROUP 59—OIL CUPS AND LUBRICATOR								
					1	Alemite Fittings								
					2	Alemite Grease Fitting (Ash Pan Shaft)								
					3	" " " (" " Bearing)								
					4	" " " (Bell Ringer)								
					5	" " " (Bell Yoke)								
					6	" " " (Bell Frame)								
					7	" " " (Brake Shaft)								
					8	" " " (Brake Levers)								
					9	" " " (Blow Off Cocks)								
					10	" " " (Crosshead Wrist Pin)								
					11	" " " (Crank Pins)								
					12	" " " (" ")								
					13	" " " (Eccentric Rods)								
					14	" " " (Floating Guide Block)								
					15	" " " (Furnace Bearer F)								
					16	" " " (" " B)								
					17	" " " (Link Tail)								
					18	" " " (Link Tail Block)								
					19	" " " (Link Bearings)								
					20	" " " (Radius Bar Lifter)								
					21	" " " (Union Link)								
					22	" " " (Reverse Shaft Arm)								
					23	" " " (" " ")								
					24	" " " (" " Bearing)								
					25	" " " (" " ")								
					26	" " " (" " C.B.Arm)								
					27	" " " (Radial Buffer)								
					28	" " " (Spring Rigging)								
					29	" " " (" Hangers)								
					30	" " " (" Equalizers)								
					31	" " " (Main Rod)								
					32	" " " (" ")								
					33	" " " (Side Rod)								
					34	" " " (" ")								
					35	" " " (Power Reverse)								
					36	" " " (Power Rev. Reach Rod)								
					37	" " " (Throttle Packing Gland)								
					38	" " " (Throttle Lever Support)								
					39	" " " (" " ")								
					40	" " " (" Comp. Lever)								
					41	" " " (Throttle Comp. Lever Bearing)								
					42	" " " (Throttle Crank Arm)								
					43	" " " (Throttle Rod Jaw)								
					44	" " " (Throttle Rod Jaw Pins)								
					45	" " " (Trailer Truck Rocker)								
					46	" " " (" " ")								
					47	" " " (Eng. Truck ")								
					48	" " " (" " ")								
					49	" " " (Trailer Truck R.B. Fulcrum)								
					50	" " " (Valve Rod Crosshead)								
					51	" " " (Valve Rod)								
					52	" " " (Mechanical Lub.)								
					53	" " " (Mech. Lub. Drive Arm)								
					54	" " " (Combination Lever)								
					55									
74-51	8				56	Lub. Outlet Tags		592-A-1122	1-Set Alco 991-S-53160	Ord. In P.D. To Mat'l. Order				
74-41	8				57	" " "		592-A-1121	1-Set Alco 991-S-53150	" " "				
74-31	8				58	" " "		592-A-1120	1-Set Alco 991-S-53140	" " "				
74-21	8				59	" " "		592-A-1119	1-Set Alco 991-S-53130	" " "				
74-11	8				60	" " "		592-A-1118	1-Set Alco 991-S-53120	" " "				
74-1	8				61	" " "		592-A-1117	1-Set Alco 991-S-53110	" " "				
					62									

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE		No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 59—OIL CUPS AND LUBRICATOR									
7-44	P ✓					1	Oil Can Holder	592-~~D~~-1138	1	Alco 182-S-32528	Plate & Bar	✓				
7-45	P					2	" " " Support	592-B-1138	2	Alco 182-S-32521	1020 Bar	✓	592-B-1138			
7-46	P					3	" " " "	592-C-1138	1	Alco 182-S-32522	1020 Bar	✓	592-C-1138			
						4	" " " "									
7-44	P ✓					5	" " " Edge	592-~~D~~-1138	1	Alco 182-S-32523	1020 Bar	✓	592-~~D~~-1138			
						6	" " " Angle									
	P	10 Engs. Only With F.W. Htrs.				7	F.W. Htr. Lubricator	"Nathan"	1	Nathan Dwg. 4916	Type LBW. Ord. In P.D.	Complete with 1 DA Term. Check, Dwg. 3421				
						8										
36-25	P ✓					9	Lubricator (Drive Pin [redacted])	592-A-1134	1	Alco 602-S-15160	1020 Bar Caseharden	✓	(Furnish Slotted Nut)			
36-26	P					10	" Connecting [redacted] Rod	592-B-1134	1	Alco 602-S-15161	Mild Steel	✓	592-B-1134			
36-27	P					11	" Drive [redacted] Arm	592-C-1134	1	Alco 602-S-15162	Mild Steel	✓	592-C-1134			
36-28	P					12	" Conn. Rod [redacted] Bushing	592-D-1134	1	Alco 602-S-15163	Hard Bronze Bar	✓				
36-30	P					13	" " " "	592-J-1126	1	Alco 602-S-15127	Hard Bronze Bar	✓				
36-31	P					14	" " " "	592-K-1126	1	Alco 602-S-15128	Hard Bronze Bar	✓				
36-29	P					15	" Drive [redacted] Arm Bushing	592-H-1126	1	Alco 602-S-15126	Hard Bronze Bar	✓				
36-32	P					16	" Conn. Rod Pin	592-F-1126	1	Alco 602-S-15125	1020 Bar Casehardened	✓				
36-33	P					17	" " "[redacted]" Collars	592-L-1126	2	Alco 602-S-15129	1020 Bar	✓				
36-34	P					18	" Pin Collar Taper Pin	592-E-1126	2	Alco 602-S-15124	Ord. In P.D.					
71-44	P					19	Mech. Lub. Marking - R.S.	592-B-1115	1-Set	Alco 992-S-53091	Ordering Dwg:					
71-45	P					20	" " " - L.S.	592-B-1114	1-Set	Alco 992-S-53101	"					
						21	Flange Oiler Assembly									
						22	" " Body									
						23	" " Lid									
						24	" " Spring									
						25	" " Pipe Branch Tee									
						26	" " " Fitting									
						27	" " " " Nut									
						28	" " " " Swivel									
						29	" " " Saddle									
						30	" " Bracket									
						31	" " "									
35-27	P					32	Mech. Lub. Arrgt. - R.S.	590-A-39	1-Set	Alco 6013-S-15170	Crls, Valves, & Piston Rod Pkgs.	✓	(List Of Purchased Mat'l. Shown On Dwg.)			
35-28	P ✓					33	Mech. Lub. Arrgt - L.S.	590-~~B~~-40	1-Set	Alco 6013-S-15151	Chassiss & Guides Eng. Tk. Brgs.	✓	(Furnish 1-Set of Trough Angles) (List of Purchased Mat'l. Shown On Dwg.)			
						34					Rev. "X" For Future					
35-43	P					35	Mechanical Lubricator - R.S.	"Nathan" D.V.-6	1	Dwg. No. 4901-B, Line #1	26 Pints Ord. In P.D.		7-Single Feeds 5-Double Feeds	Marking to Nathan Dwg. 3560-N, Line #108		
"	P					36	" " [redacted] L.S.	"Nathan" D.V.-6	1	Dwg. No. 4901-B, Line #2	26 Pints Ord. In P.D.		9-Single Feeds 5-Double Feeds	Marking to Nathan Dwg. 3560-N, Line #109		
						37	" " Support									
						38	" " " Brace									
						39	" " Arrangement									
35-32	P ✓				S	40	" " Drive Arm	592-A-1126	1	Alco 602-S-15120	Mild Steel	✓	592-A-1126			
35-29	P				S	41	" " " Link Arm	592-B-1126	1	Alco 602-S-15121	" "	✓	592-B-1126			
35-30	P ✓				S	42	" " " Rod	592-D-1126	1	Alco 602-S-15123	" "	✓	592-D-1126			
35-31	P					43	" " " Bolt Keeper [redacted]	592-C-1126	1	Alco 602-S-15122	#16 Sheet Steel	✓				
35-39	P					44	" " Drive Taper Pin [redacted]	592-E-1126	2	Alco 602-S-15124	Ord. In P.D.					
35-35	P					45	" " " Pin. Conn. Rod	592-F-1126	2	Alco 602-S-15125	Steel-1020 Casehardened	✓				
35-36	P					46	" " " " Bushing	592-H-1126	2	Alco 602-S-15126	Hard Bronze Bar	✓				
35-37	P					47	" " " [redacted] Line Check	592-J-1126	2	Alco 602-S-15127	" " "	✓				
35-38	P					48	" " " " "	592-K-1126	2	Alco 602-S-15128	" " "	✓				
35-34	P					49	" " " Pin Collar [redacted]	592-L-1126	2	Alco 602-S-15129	1020 Bar	✓				
35-33	P ✓	Cancel 5/v				50	" " " Arm Bolts	~~592-A-1127~~	4	Alco 601-S-15130	1020 Hex. Bar	✓		(Furn. Washers & Nuts Ord. In P.D.)		
						51	" " " " "									
						52	" " " " "									
						53	" " Feed Divider Bracket									
						54	" " " " "									
7-31	P					55	Air Pump Lubricator Brkt.	592-A-1139	1	Alco 182-S-14831	Plate	✓	592-A-1139			
	P					56	Air Pump Lubricator	Nathan LB-3	1	Dwg. No. 4913	Ord. In P.D.					
36-24	P					57	Steam Chest Oil Plug	592-B-1135 (Spud)	4	Alco 601-S-82051	Stick Brass					
						58	" " " "	(")								
35-42	P					59	Cylinder Oil Spud	592-A-1135	2	Alco 601-S-82050	Stick Brass					
						60	" " "									
	P					61	Lub. Outlet Tag M.O.	59-MO-12	1-Set		Ord. In P.D.		(See Page 53 For Cd. Nos.)			
						62										

L.S. Lubricator

R.S. Lubricator

APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
					GROUP 60—OIL BURNING ARRANGEMENT								
				1	Oil Burner Arrangement								
				2	" Burner								
				3	" " Hood								
				4	" " Lip								
				5	" " Support								
				6	" " " Brace								
				7	" " Clamp								
				8	" " " Thimbles								
				9	" " Feed Quadrant								
				10	" " Operating Handle								
				11	" " Regulator Handle								
				12	" " " Latch Handle								
				13	" " " Latch								
				14	" " " " Link								
				15	" " " " Spring								
				16	" " " Link Pin								
				17	" " " Stop Bolt								
				18	" " " Body								
				19	" " " Pin								
				20	" " " Bolt Thumb Nut								
				21	" " " Quadrant								
				22	" " " Shaft								
				23	" " Manifold								
				24	" " " Casing								
				25	" " " " Name Plate								
				26	" " " Support								
				27									
				28									
				29									
				30	Oil Heater								
				31	" " Ends								
				32	" " Nuts								
				33	" " Stuffing Box								
				34	" " " " Gland								
				35	" " " " Bushing								
				36	" " Support								
				37	" " "								
				38	" " " Clamp								
				39	" " " "								
				40	" " Cover								
				41	" " " Clamps								
				42									
				43									
				44	Oil Feed Cock Body								
				45	" " " Valve								
				46	" " " Stem Gland								
				47	" " " " Packing Gland								
				48	" " " " " " Nut								
				49	" " " Spring								
				50									
				51									
				52	Oil Feed Safety Cut Out Arrangement								
				53	" " " " " Cable Eye								
				54	" " " " " " Hook								
				55	" " " " " " Pulley								
				56	" " " " " " "								
				57	" " " " " " " Bracket								
				58	" " " " " " Conduit Clamp								
				59									
				60									
				61									
				62									

	APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
						GROUP 62—PILOT								
					1	Pilot Arrangement								
					2	" Band								
					3	" " Angle								
					4	" " Corner Iron								
					5	" " " "								
					6	" Bracket								
					7	" "								
					8	" Bottom Plate								
					9	" Slat								
					10	" "								
					11	" "								
					12	" "								
					13	" "								
					14	" "								
					15	" "								
					16	" "								
					17	" "								
					18	" Knee								
					19	" "								
					20	" Strap								
					21	" Hanger								
					22	" "								
					23	" Brace								
					24	" "								
					25									
22-57	P		9		26	Rail Guard		622-A-83	1-R Alco 1-L 412-S-95450	Plate	✓	622-A-83		
22-58	P		8		27	" " Brace		622-B-83	1 Alco 412-S-95451	Angle	✓	622-B-83		
					28	" " Bracket								
					29									
					30	Snow Plow								
					31	" " Brace								
					32	" " Bracket								
					33									
					34	**GROUP 63—PIPE FITTINGS**								
					35	Air Brake Governor Pipe Fitting								
					36	" " " " " Nut								
					37	" " " " " Swivel								
					38									
					39	Air Pump Governor Line Elbow								
					40	" " " " " Nut								
					41	" " " " " Fitting								
	P ✓ For 2 Locos				42	Train Line Pipe Caps.	12	632-A-2526	1" ~~Blank Pipe~~ Caps	(12 pcs. Suff. for 20 Locos.)	- ✓	~~Ord. in P.D. Limq to Thread 1" Whitworth Pipe Threads Straight.~~ Used as temporary means for testing Locos.		
					43	Air Brake Signal Line Fitting								
					44	" " " " " Nut								
					45	" " " " " Swivel								
					46									
					47	Air Brake Cylinder Gauge Line Fitting								
					48	" " " " " " Nut								
					49	" " " " " " Swivel								
38-42	P ✓				50	Air Brake Pipe Adapter Fitting		632-B-2423	1 Alco 632-S-106891	1020 Bar	✓		(Ft. of Loco. (For Shipping Loco.)	
					51	Air Brake Union Connection								
					52	" " " " Nut								
					53	" " " " Swivel								
					54									
					55	Air Gauge Fitting								
					56	" " " Nut								
					57	" " " Swivel								
					58									
					59	Air Gauge Fitting Elbow								
					60	" " " " Nut								
					61	" " " " Swivel								
					62									

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	NO. PCS.	DRAWING CARD NO.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH NO.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 63—PIPE FITTINGS (Cont.)								
						1	Air Pipe Whistle Fitting (Signal)								
						2	" " " " Nut (")								
						3	" " " " Swivel (")								
						4									
						5	Air Line Fitting (Equal. Res. to Brake Cyl.)								
						6	" " " Nut (" " " " " ")								
						7	" " " Swivel (" " " " " ")								
						8									
						9	Air Pipe Connection Fitting (At Jacket)								
						10	" " " " Nut (" ")								
						11	" " " " Swivel (" ")								
						12									
						13	Air Pump Oil Filter Fitting								
						14	" " " " " Nut								
						15	" " " " " Swivel								
						16									
						17	Air Pump Throttling Valve Fitting								
						18	" " " " " Nut								
						19	" " " " " Swivel								
						20									
38-23	R					21	~~Air Pump~~ Atomizer Steam Fitting - Union	1	632-A-2456	Alco 632-S-106940					Brazing Metal L-63-S-1004
38-24	R					22	" " " " Nut	1	632-B-2456	Alco 632-S-106941	Stick Brass	✓			
38-25	R					23	" " " " Swivel	1	632-C-2456	Alco 632-S-106942	Brazing Metal	✓			
						24									
						25	Air Pump Choke								
						26	" " " Fitting								
						27									
						28	Air Sander Fitting								
						29	" " " Nut								
						30	" " " Swivel								
						31									
						32	Air Sander Fitting								
						33	" " " Nut								
						34	" " " Swivel								
						35									
						36	Air Sander Union Fitting (At Jacket)								
						37	" " " " Nut (" ")								
						38	" " " " Swivel (" ")								
						39									
						40	Air Sander Elbow								
						41	" " " Nut								
						42	" " " Swivel								
						43									
						44	Air Sander Tee								
						45	" " " Nut								
						46	" " " Swivel								
						47									
						48	Air Sander Fitting (At Operating Valve)								
						49	" " " Nut (" " ")								
						50	" " " Swivel (" " ")								
						51									
						52	Air Sander Fitting (At Trap)								
						53	" " " Nut (" ")								
						54	" " " Swivel (" ")								
						55									
						56	Air Sander Booster By-Pass Fitting								
						57	" " " " " Nut								
						58	" " " " " Swivel								
						59									
						60	Bell Ringer Fitting								
						61	" " " Nut								
						62	" " " Swivel								

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	NO. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 63—PIPE FITTINGS (Cont.)								
						1	Bell Ringer Union Fitting (At Jacket)								
						2	" " " " Nut (" ")								
						3	" " " " Swivel (" ")								
						4									
						5	Bell Ringer Pipe Tee								
						6	" " " Elbow								
						7	" " " " Nut								
						8	" " " " Swivel								
						9									
41-39	8					10	St. Chest [redacted] Pressure Gauge Fitting At Tee	1	632-C-2412	Alco 632-S-18655 Stick Brass	✓				
41-40	8					11	" " " " Nut	1	632-C-2405	Alco 632-S-18679 Stick Brass	✓				
41-41	8					12	" " " " Swivel	1	632-C-2405	Alco 632-S-18679 Brazing Metal	✓				
41-42	8					13	" " " " Union At Jacket	1	632-B-2405	Alco 632-S-18677 Brazing Metal	✓				
41-43	8					14	" " " " Nut	1	632-A-2430	Alco 631-S-11268 Stick Brass	✓				
41-44	8					15	" " " " Swivel	1	632-A-2430	Alco 631-S-11268 Brazing Metal	✓				
41-45	8					16	" " " [redacted] Fitting	2	632-B-2412 (At Jacket)	Alco 632-S-18650 Stick Brass	✓		At Needle Valve		
41-47	8					17	" " " " " Nut	3	632-A-2405 (")	Alco 632-S-18675 Stick Brass	✓				
41-48	8					18	" " " " " Swivel	3	632-A-2405 (")	Alco 632-S-18675 Brazing Metal	✓				
41-46	8					19	" " " [redacted] Fitting	1	632-A-2431 (")	Alco 632-S-18660 Stick Brass	✓		At Gauge		
						20	" " " " " Nut (" ")								
						21	" " " " " Swivel (" ")								
						22									
						23	Cylinder Cock Air Fitting								
						24	" " " " Nut								
						25	" " " " Swivel								
						26									
						27	Cylinder Cock Air Fitting								
						28	" " " " Nut								
						29	" " " " Swivel								
						30									
						31	Cylinder Cock Air Fitting Tee								
						32	" " " " " Nut								
						33	" " " " " Swivel								
						34									
						35	Cylinder Cock Air Union Fitting (At Jacket)								
						36	" " " " " Nut (" ")								
						37	" " " " " Swivel (" ")								
						38									
						39	Cylinder Oil Pipe Fitting								
						40	" " " " Nut								
						41	" " " " Swivel								
						42									
						43	Cylinder Oil Pipe Fitting Tee								
						44	" " " " " Nut								
						45	" " " " " Swivel								
						46									
						47	Cylinder Oil Pipe Union Fitting (At Jacket)								
						48	" " " " " Nut (" ")								
						49	" " " " " Swivel (" ")								
	2					50	Ash Pan Flusher Equipt. "Nathan"	1 Set	Nathan Dwg. 1792-Line 2	Ord. In P.D. (Consists of Ejector & Valves)					
						51	Cold Water Pump Heater Line Fitting								
						52	" " " " " " Nut								
						53	" " " " " " Swivel								
						54									
	2					55	Coal Sprinkler [redacted] "Nathan"	1 Set	Nathan Dwg. 956	Ord. In P.D. Complete Parts 1 to 10 incl.					
	2					56	" " Hose	1	½" I.D. x 3 ply x 6'-0" Lg. - Steam Hose - Ord. In P.D.						
						57	" " " Fitting								
						58	" " " " Nut								
						59	" " " " Swivel								
						60	" " " Nozzle								
						61	" " " Fitting								
						62									

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. O.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 63—PIPE FITTINGS (Cont.)								
						1	Drifting Valve Oil Pipe Fitting								
						2	" " " " " Nut								
						3	" " " " " Swivel								
						4									
						5	Drifting Valve Pipe Fitting								
						6	" " " " Nut								
						7	" " " " Swivel								
						8									
						9	Drifting Valve Oil Pipe Union								
						10	" " " " " Nut								
						11	" " " " " Swivel								
						12									
						13	Drifting Valve Oil Pipe Fitting								
						14	" " " " " Nut								
						15	" " " " " Swivel								
						16									
38-37	§					17	By-Pass Valve Steam Fitting-Tee	2	632-A-2422	Alco 632-S-106880					Steam Bronze L-63-S-5462
38-40	§					18	" " " " -Nipple	4	632-A-2423	Alco 632-S-106890	1020 Hex. Bar ✓				
38-38	§					19	" " " " Nut	4	632-B-2422	Alco 632-S-106881					Steam Bronze L-63-S-5367
38-39	§					20	" " " " Swivel	8	632-C-2422	Alco 632-S-106882	Brazing Metal ✓				
						21									
						22	Dynamo Drain Fitting								
						23	" " " Nut								
						24	" " " Swivel								
						25									
						26	F.W.H. Drifting Control Valve Fitting								
						27	" " " " " Nut								
						28	" " " " " Swivel								
39-34	§	For 10 Engs. Only				29	" Pipe Choke	2	632-C-2413	Alco 632-S-104094	1020 Hex. Bar ✓				
						30	F.W.H. Pressure Gauge Line Fitting								
						31	" " " " " Nut								
						32	" " " " " Swivel								
39-33	§	For 10 Engs. Only				33	" Pipe Choke	2	632-A-2413	Alco 632-S-104090	1020 Hex. Bar ✓				
39-17	§	For 10 Engs. Only				34	F.W.H. Gauge Fitting	1	262-B-531	Alco 252-S-50321					Steam Bronze L-79-A-8
39-18	§	For 10 Engs. Only				35	" " " Nut	2	632-A-2405	Alco 632-S-18675	Stick Brass ✓				
39-19	§	For 10 Engs. Only				36	" " " Swivel	2	632-A-2405	Alco 632-S-18675	Brazing Metal ✓				
39-20	§	For 10 Engs. Only				37	" " "	1	632-A-2412	Alco 632-S-18652	Stick Brass ✓				
						38	F.W.H. Gauge Fitting								
						39	" " " Nut								
						40	" " " Swivel								
39-15	§	For 10 Engs. Only				41	" Valve Bushing	1	632-A-2417	Alco 632-S-106830	1020 Hex. Bar ✓		(In Cab Turret)		
						42	F.W.H. Line Union Fitting								
						43	" " " " Nut								
						44	" " " " Swivel								
						45									
						46	Fire Door Foot Pedal Air Line Fitting								
						47	" " " " " " " Nut								
						48	" " " " " " " Swivel								
41-12	§					49	Steam Heat Hose Arrgt.	1-Set	633-A-122	Alco 633-S-93150					
40-53	§					50	Steam Gauge Fitting Elbow	1	262-B-531	Alco 252-S-50321					Steam Bronze L-79-A-8
40-54	§					51	" " " Nut	2	632-A-2405	Alco 632-S-18675	Stick Brass ✓				
40-55	§					52	" " " Swivel	2	632-A-2405	Alco 632-S-18675	Brazing Metal ✓				
41-30	§	✓				53	Steam Heat Conn. Fork	2	~~633-A-121~~ 632-A-2451	Alco ~~633-S-93140~~ 632-S-93170	~~Drop Forging~~ Ord. In P.D.	~~633-A-121~~ Lima to Machine	1020 Bar - Welded Construction		
41-31	§					54	Steam "Y" Split Ring	2-Set	633-B-121	Alco 633-S-93141	Drop Forging Ord. In P.D.	Lima to Machine	(4 halves eq. 2 Sets)		
41-32	§					55	" " " Crank	2	633-C-121	Alco 633-S-93142	1020 Bar ✓	633-C-121			
41-33	§					56	" " " Hook	2	633-D-121	Alco 633-S-93143	1020 Bar ✓	633-D-121			
41-34	§					57	" " " Hose Clamp	8	633-E-121	Alco 633-S-93144	1020 Bar ✓	633-E-121			
41-35	§					58	" " " " " Ring	4	633-F-121	Alco 633-S-93145	1020 Bar ✓	633-F-121			
41-36	§					59	" " " Lock	2	633-H-121	Alco 633-S-93146	Drop Forging Ord. In P.D.	Lima to Machine			
	§					60	Steam Heat Hose	2	632-A-2427	Alco 632-S-93110	6 ply Steam Hose Ord. In P.D.	Ft. OF Loco.			
	§					61	" " " Fitting-"Y"	1	632-A-2426	Alco 632-S-93130		Ft. of Loco.			Steam Bronze L-63-S-5464
	§					62	" " " " -	2	632-A-2428	Alco 632-S-93120		Ft. of Loco.			Steam Bronze L-63-S-5463

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	NO. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 63—PIPE FITTINGS (Cont.)								
41-20	8					1	Stoker Gauge Fitting	4	Alco 632-A-2431	632-S-18660 Stick Brass	✓		At Gauge		
41-22	8					2	" " " Nut	8	Alco 632-A-2405	632-S-18675 Stick Brass	✓				
41-23	8					3	" " " Swivel	8	Alco 632-A-2405	632-S-18675 Brazing Metal	✓				
41-21	8					4	" " " Fitting	4	Alco 632-B-2412	632-S-18650 Stick Brass	✓				
						5	Stoker Gauge Fitting								
						6	" " " Nut								
						7	" " " Swivel								
						8									
						9	Stoker Oil Pipe Fitting								
						10	" " " " Nut								
						11	" " " " Swivel								
						12									
41-17	8					13	Stoker Jet Line Pipe Fitting	5	Alco 632-A-2404	632-S-18720 Stick Brass	✓				
41-16	8					14	" " " " "	5	Alco 632-A-2403	632-S-18680 Stick Brass	✓				
						15	" " " " "								
41-18	8					16	" " " " " Nuts	10	Alco 632-A-2402	632-S-16808 Stick Brass	✓				
41-19	8					17	" " " " " Swivels	10	Alco 632-A-2401	632-S-18826 Brazing Metal	✓				
						18									
41-2	8					19	Steam Heat Gauge Fitting	1	Alco 262-B-531	252-S-50321 Stick Brass	✓				Steam Bronze L-79-A-8
41-3	8					20	" " " " Nut	2	Alco 632-A-2405	632-S-18675 Stick Brass	✓				
41-4	8					21	" " " " Swivel	2	Alco 632-A-2405	632-S-18675 Brazing Metal	✓				
41-5	8					22	" " " "	1	Alco 632-B-2412	632-S-18650 Stick Brass	✓				
						23	Steam Heat Gauge Fitting								
						24	" " " " Nut								
						25	" " " " Swivel								
						26									
						27	Signal Foam Meter Air Pipe Fitting								
						28	" " " " " " Nut								
						29	" " " " " " Swivel								
						30									
						31	Signal Foam Meter Air Pipe Elbow								
						32	" " " " " " Nut								
						33	" " " " " " Swivel								
						34									
						35	Signal Foam Meter Pipe Fitting								
						36	" " " " " Nut								
						37	" " " " " Swivel								
						38									
						39	Train Control Pipe Fitting								
						40	" " " " Nut								
						41	" " " " Swivel								
						42									
						43	Train Control Pipe Fitting								
						44	" " " " Nut								
						45	" " " " Swivel								
						46									
						47	Whistle Air Fitting								
						48	" " " Nut								
						49	" " " Swivel								
						50									
						51	Whistle Air Union Fitting (at Jacket)								
						52	" " " " Nut (" ")								
						53	" " " " Swivel (" ")								
						54									
						55	Whistle Air Fitting Elbow								
						56	" " " " Nut								
						57	" " " " Swivel								
						58									
						59	Water Gauge Drain Fitting								
						60	" " " " Nut								
						61	" " " " Swivel								
						62									

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. O.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 63—PIPE FITTINGS (Cont.)								
						1	Cab Heater Choke								
						2	" " " Fitting								
						3	" " " " Nut								
						4	" " " " Swivel								
						5									
						6	Cab Heater Drain Fitting								
						7	" " " " Nut								
						8	" " " " Swivel								
						9									
						10	Turret Valve Elbows								
						11	" " "								
						12	" " "								
						13	" " "								
						14	" " "								
						15	" " "								
						16	Turret Valve Extensions								
						17	" " "								
						18	" " "								
						19									
						20	Cab Front Pipe Flanges								
						21	" " " "								
						22	" " " "								
						23	" " " "								
						24	" " " "								
						25									
9-12	1st. 10 Engs. Without F.W.Htrs.					26	Pipe Protector Collars	632-A-2421	2	Alco 632-S-93100	Plate & Pipe Furn. Complete	✓			R.&L. Cab Front - Inj. Steam
" "	Last 10 Engs With F.W.Htrs.					27	" " "	632-A-2421	1	Alco 632-S-93100	" " "	✓			R. Cab Front - Inj. Steam
						28	" " "								
						29	" " "								
						30	" " "								
						31	" " "								
						32									
						33									
						34	Blow Off Cock Nut								
						35	" " " " Swivel								
						36									
						37									
						38	Blower Fitting	(Barco) 2540							
38-27						39	Blower Fitting	632-A-2400	1	Alco 30255 632-S-30381	Furn. Pipe Plug.				L-63-S-2648
						40	" " Cap								
						41	" " Plug								
						42	" " Nut								
						43	" " "								
						44	" " Sleeve								
						45	" " "								
						46	" " Washer								
						47	" " Handle								
						48	" " Valve Nut								
						49	" " " " Swivel								
						50									
40-13	1st. 10 Locos Without F.W.Htrs.					51	Fire Hose Tee Fitting	632-A-2420	2	Alco 632-S-93090					L-63-S-5461
40-12	Last 10 Locos With F.W.Htrs.					52	" " " "	632-A-2420	1	Alco 632-S-93090					L-63-S-5461
40-15	1st. 10 Locos. Without F.W.Htrs.					53	" " " " Cap	632-A-2419	2	Alco 632-S-93080	(Apply Gaskets - Ord. In P.O.				Steam Bronze L-63-S-5459
40-14	Last 10 Locos With F.W.Htrs.					54	" " " " "	632-A-2419	1	Alco 632-S-93080	" " "				Steam Bronze L-63-S-5459
40-17	1st. 10 Locos Without F.W.Htrs.					55	" " " " " "S"-Hook	632-B-2419	2	Alco 632-S-93081	Wire - Apply Chain Ord. In P.O.				
40-16	Last 10 Locos. With F.W.Htrs.					56	" " " " " " "	632-B-2419	1	Alco 632-S-93081	Wire - Apply Chain Ord. In P.O.				
40-11	1st. 10 Locos. Without F.W. Htrs.					57	" " " " Flange	632-C-2425	2	Alco 632-S-106902			Lima Patt. 63-773		
40-9	Last 10 Locos With F.W. Htrs.					58	" " " " "	632-C-2425	1	Alco 632-S-106902			Lima Patt. 63-773		
40-10	1st. 10 Locos Without F.W. Htrs					59	" " " " " Sleeve	632-A-2425	2	Alco 632-S-106900					Brazing Metal L-63-S-2218
40-8	Last 10 Locos. With F.W. Htrs.					60	" " " " " "	632-A-2425	1	Alco 632-S-106900					Brazing Metal L-63-S-2218
						61									
						62									

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
	8					0	GROUP 63—PIPE FITTINGS For L.S. Chassis Lub. Arr'gt Details - See Page 90								
42-37	8					1	Mechanical Lubricator Pipe Clamp	1-Set	632-A-2448 Alco	632-S-215930 1020 Bar Furn. Complete	✓			(Located At R.S. Lub. Welded On	
42-25	8					2	" " Atomizer Support	1	632-A-2458 Alco	632-S-216280 Plate	✓	632-A-2458		(Welded On Cyl.	
42-26	8					3	" " "	1	632-B-2458 Alco	632-S-216281 1020 Bar	✓	632-B-2458		(Welded On Cyl.)	
42-27	8					4	" " "	2	632-C-2458 Alco	632-S-216282 1020 Bar	✓	632-C-2458		(Welded On Cyl.)	
44-19	8					5	" " Pipe Clamp	2	632-A-2459 Alco	632-S-216260 Furn. Complete 1020 Bar	✓				
44-20	8					6	" " Pipe Clamp	2	632-B-2459 Alco	632-S-216261 Furn. Complete 1020 Bar	✓				
44-21	8 ✓					7	" " Pipe Clamp	2	632-C-2459 Alco	632-S-216262 Furn. Complete 1020 Bar	✓				
44-22	8					8	" " Pipe Clamp Cap	2	632-D-2459 Alco	632-S-216263 1020 Bar	✓	632-D-2459			
44-23	8					9	" " " Base	2	632-D-2459 Alco	632-S-216263 1020 Bar	✓				
44-24	8					10	" " Pipe Clamp	5	632-E-2459 Alco	632-S-216264 Furn. Complete 1020 Bar	✓				
40-34	8					11	" " Term. Check Fitting	2	632-B-2433 Alco	632-S-106921 1020 Hex. Bar	✓			(Piston Rod Pkg.)	
41-51	8 ✓					12	" " Term. Check Fitting	1	632-F-2433 Alco	632-S-106925 1020 Hex. Bar	✓			(Throttle Shaft.)	
40-49	8					13	" " Oil Pipe Coup Nut	11	632-A-2405 Alco	632-S-18675 Stick Brass	✓				
40-49	8					14	" " " " Sleeve	11	632-A-2405 Alco	632-S-18675 Brazing Metal	✓				
40-48	8					15	" " Oil Pipe Fitting	3	632-B-2412 Alco	632-S-18650 Stick Brass	✓				
40-45	8					16	" " Oil Pipe Fitting	2	632-A-2431 Alco	632-S-18660 Stick Brass	✓			(Piston Rod Pkg.)	
						17	" "								
						18	" "								
						19	" "								
						20	" "								
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CHECK: K.S. Valve Oil Lub. Details

	APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
						GROUP 63—PIPE FITTINGS (Cont.)								
					1	Pipe Pad (Feed Pump Drain)								
					2	" " (Cold Pump Steam)								
39-44	f For 10 Engs. Only				3	" " (F.W.H. 632-A-2416)	1	Alco 631-S-103624	Stick Brazing Metal	✓				
					4	" " (F.W.H. Suction Heater Line)								
					5	" " (F.W.H. Cold Pump Dis. to Gauge)								
					6	" " (Tyfon Whistle Air Pipe)								
					7	" " (Booster Lubricator)								
					8	" " (Whistle Air Oper. Cyl.)								
					9	" " (Booster Steam Gauge)								
					10	" " Booster Dome Pilot Valve)								
					11	" " (F.W.H. Cold Pump Del. Drain)								
					12	" " (By-Pass Around Injector)								
					13	" " (Mech. Lub. in Air Pump Steam)								
					14	" " (" " Automizer Line)								
					15	" " (" " Drain)								
					16	" " (F.W. Heater Test Plug)								
					17	" " (Stoker Exhaust Drain)								
					18	" " (Cab Sprinkler)								
					19	" " (F.W. Cold Pump Steam Take Off)								
					20	" " (Exhaust Injector Heater Line)								
					21	" " (Cab Heater Line)								
					22	" " (Whistle Cylinder Adjusting Arm)								
	f For 10 Engs Only With F.W. Htrs.				23	" " (Inj Strainer Heater)	1	Lima 632-T-930	Brazing Metal	}	For Future Use 632-A-2580 - Lima 632-S-107160 - Alco			
	f For 10 Engs Only Without F.W. Htrs.				24	" " (Inj Strainer Heater)	2	632-T-930	Brazing Metal	}				
					25	Pipe Manifold Elbow								
					26	" " "								
					27	" " "								
					28	" " " Bracket								
					29	" " " "								
					30	" " " "								
					31	" " " "								
					32									
					33	Pipe Flange Assembly								
39-48	f For 10 Engs. Only				34	" " F.W. Heater	2	Alco 632-S-106811				L-63-S-5455		
					35	" " Joint Ring								
					36	" " Assembly								
					37	" "								
					38	" " Joint Ring								
					39	" " Assembly								
					40	" "								
					41	" " Joint Ring								
					42	" " Assembly								
					43	" "								
					44	" " Joint Ring								
					45	" " Assembly								
38-28	f ✓				46	" " - At. Suphtr. Header.	632-A-2418	1 Alco 632-S-106840	(Blower Conn.			L-63-S-5373		
38-29	f				47	" " Joint Ring	632-B-2418	1 Alco 632-S-106841	Bar Steel 1020	✓	(Blower Conn.)			
39-28	f For 10 Engs. Only F.W.H.				48	Pipe Flange - Hot Pump Del.	632-A-2406	1 Alco 632-S-106810	Plate	✓				
39-27	f For 10 Engs. Only F.W.H.				49	" " Fitting - Hot Pump Del.	632-A-2407	1 Alco 632-S-106800				Brazing Metal → ~~Steam Brass~~ L-63-S-5454		
					50	" " Joint Ring								
39-49	f For 10 Engs. Only F.W.H.				51	" " - Cold Pump Del.	632-C-2406	1 Alco 632-S-106812				Lima Patt. 55-577 (Alco Used Plate Flange)		
41-27	f				52	" " - Steam Heat End Valve	632-A-2462	1 Alco 632-S-106970	Steel Bar	✓				
					53	" " Joint Ring								
40-25	f ✓ 1st. 10 Locos Without F.W.Htrs.				54	" " - Inj. Delivery	632-C-2425	12 8 Alco 632-S-106902				Lima Patt. 63-773		
40-22	f ✓ Last 10 Locos With F.W.Htrs.				55	" " - " "	632-C-2425	#8 Alco 632-S-106902				Lima Patt. 63-773		
40-23	f ✓ 1st. 10 Locos. Without F.W.Htrs.				56	" " Sleeve - " "	632-A-2425	6 #4 Alco 632-S-106900					Brazing Metal L-63-S-2218	
40-20	f ✓ Last 10 Locos. With F.W.Htrs.				57	" " " - " "	632-A-2425	#4 #4 Alco 632-S-106900					Brazing Metal L-63-S-2218	
40-24	f ✓ 1st. 10 Locos Without F.W. Htrs.				58	" " " - " "	632-B-2425	6 #4 Alco 632-S-106901					Brazing Metal L-63-S-2472	
40-21	f ✓ Last 10 Locos With F.W.Htrs				59	" " Inj. Dis. " "	632-B-2425	#4 #4 Alco 632-S-106901					Brazing Metal L-63-S-2472	
					60	" "								
					61	" "								
					62	" " Joint Ring								

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		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE		No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 63—PIPE FITTINGS (Cont.)									
33-7	P					1	Pipe Clamp	632-A-2415 R.S.	2	Alco 632-S-215760					L-63-5-5456	
33-10	P					2	" " Cap	632-B-2415 R.S.	2	Alco 632-S-215761					L-63-5-5457	
44-33	P					3	" "	632-A-2472 R.S.	1	Alco 632-S-216390	(Inj. Steam Line)			L-55-5-1694		
44-34	P					4	" " Cap	632-A-2472 R.S.	1	Alco 632-S-216390				L-55-5-1695		
						5	" "	R.S.								
						6	" "	R.S.								
						7	" "	R.S.								
						8	" "	R.S.								
						9	" "	R.S.								
						10	" "	R.S.								
						11	" "	R.S.								
						12	" "	R.S.								
						13	" "	R.S.								
						14	" "	R.S.								
						15	" "	R.S.								
						16	" "	R.S.								
						17	" "	R.S.								
42-10	P					18	" " Base	632-A-2477 R.S.	2	Alco 632-S-216200	1020 Bar	✓				(Train Line On Ft. Bumper)
42-9	P					19	" " Cap	632-A-2477 R.S.	2	Alco 632-S-216200	1020 Bar	✓	632-A-2477			
43-59	P					20	" " Brk't	633-B-119 R.S.	1	Alco 633-S-212473	1020 Bar	✓	633-B-119	Rev. "Y" For Future.		(Train Line At Foot Plate)
43-60	P					21	" " " U-Bolt	632-B-2035 R.S.	1	Alco 632-S-205766	1020 Bar	✓	632-B-2035			(" " " " ")
76-11	P					22	" " Brk't	632-A-2473 R.S.	1	Alco 632-S-216320	1020 Bar-Furn Brace Bar & Thimble		632-A-2473			(Air Brk. Pipes & Inj Del.
76-12	P					23	" " " Cap-Upper	632-A-2473 R.S.	1	Alco 632-S-216320	1020 Bar	✓	632-A-2473			
76-13	P					24	" " " " -Lower	632-A-2473 R.S.	1	Alco 632-S-216320	1020 Bar	✓	632-A-2473			
76-14	P					25	" " Brk't.	632-B-2473 R.S.	1	Alco 632-S-216321	(Furn. Thimble) 1020 Bar	✓	632-B-2473			(Air Brk. Lines
76-15	P					26	" " " Cap	632-B-2473 R.S.	1	Alco 632-S-216321	1020 Bar	✓	632-B-2473			
76-1	P					27	" " Brk't.	632-A-2476 R.S.	1	Alco 632-S-216330	1020 Bar-Furn. Brace & Thimbles	✓	632-A-2476			(Air Brk. Lines & Inj Del.)
76-2	P					28	" " "Cap	632-A-2476 R.S.	1	Alco 632-S-216330	1020 Bar	✓	632-A-2476			
76-8	P					29	" " Brk't	632-D-2476 R.S.	1	Alco 632-S-216333	1020 Bar-Furn. Brace & Thimbles	✓	632-D-2476			(Air Brk. Lines & Inj Del.)
76-9	P					30	" " " Cap	632-D-2476 R.S.	1	Alco 632-S-216333	1020 Bar	✓	632-D-2476			
76-3	P					31	" " Brk't.	632-B-2476 R.S.	1	Alco 632-S-216331	1020 Bar-Furn. Brace & Thimbles	✓	632-B-2476			(Cooling Pipes)
76-4	P					32	" " " Cap-Upper	632-B-2476 R.S.	1	Alco 632-S-216331	1020 Bar	✓	632-B-2476			
	P					33	" " " " -Lower	632-B-2476 R.S.	1	Alco 632-S-216331	1020 Bar	✓	632-B-2476			
76-5	P					34	" " Brk't.	632-C-2476 R.S.	1	Alco 632-S-216332	1020 Bar-Furn. Brace & Thimbles	✓	632-C-2476			(Cooling Pipes)
76-6	P					35	" " " Cap-Upper	632-C-2476 R.S.	1	Alco 632-S-216332	1020 Bar	✓	632-C-2476			
76-7	P					36	" " " " -Lower	632-C-2476 R.S.	1	Alco 632-S-216332	1020 Bar	✓	632-C-2476			
						37	" "	R.S.								
42-48	P	Last 10 Locos. Only With F.W. Htrs.				38	" Support	632-A-2450 R.S.	1	Alco 632-S-216040	Plate	✓	632-A-2450			(At Separator)
42-49	P	Last 10 Locos. Only With F.W. Htrs.				39	" " Development	632-B-2450 R.S.	1-Set	Alco 632-S-216041	Plate	✓				(" ")
						40	" "	R.S.								
						41	" "	R.S.								
						42	" "	R.S.								
						43	" "	R.S.								
						44	" "	R.S.								
						45	" "	R.S.								
						46	" "	R.S.								
						47	" "	R.S.								
						48	" "	R.S.								
						49	" "	R.S.								
						50	" "	R.S.								
						51	" "	R.S.								
						52	" "	R.S.								
						53	" "	R.S.								
						54	" "	R.S.								
						55	" "	R.S.								
						56	" "	R.S.								
						57	" "	R.S.								
						58	" "	R.S.								
						59	" "	R.S.								
						60	" "	R.S.								
						61	" "	R.S.								
						62	" "	R.S.								

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE			No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 63—PIPE FITTINGS										
39-35		f	For 10 Engs. Only F.W.Htr.			1	Pipe Clamp	632-A-2414	L.S.	1	Alco 552-S-24582				L-55-S-1710		
39-36		f	For 10 Engs. Only F.W.Htrs.			2	" " Cap	632-B-2414	L.S.	1	Alco 552-S-24583				L-55-S-1711		
33-7		f				3	" "	632-A-2415	L.S.	2	Alco 632-S-215760					L-63-S-5456	
33-10		f				4	" " Cap	632-B-2415	L.S.	2	Alco 632-S-215761					L-63-S-5457	
44-31		f	10 Engs. Only Without F.W.Htrs.			5	" "	632-A-2472	L.S.	1	Alco 632-S-216390	(Inj. Steam Line)			L-55-S-1694		
44-32		f	10 Engs. Only Without F.W. Htrs.			6	" " Cap	632-A-2472	L.S.	1	Alco 632-S-216390				L-55-S-1695		
						7	" "		L.S.								
						8	" "		L.S.								
						9	" "		L.S.								
42-6		f	Last 10 Engs Only With F.W. Htrs.			10	" "	632-A-2449	L.S.	2	Alco 632-S-216074	1020 Bar	✓	632-A-2449		(F.W. Htr. Lines On Smoke Box)	
42-46		f	Last 10 Engs. Only With F.W. Htrs.			11	" Support	632-B-2449	L.S.	1	Alco 632-S-216075	Plate	✓	632-B-2449		(F.W. Htr. Pipe At Cyl.)	
42-7		f	Last 10 Engs. Only With F.W. Htrs.			12	" Clamp	632-A-2457	L.S.	1-Set	Alco 632-S-214660	1020 Bar. Furnish 2 Halves for 1 set	✓			(Located On Ash Pan	
42-47		f	Last 10 Engs. Only With F.W. Htrs.			13	" " Support	632-B-2457	L.S.	1	Alco 632-S-214665	1020 Bar	✓	632-B-2457		" "	
		f	Last 10 Engs. Only With F.W. Htrs.			14	" "	632-Y-1125	L.S.	1		1020 Bar	✓	632-Y-1125		(Heater Vent Pipe)	
		f	Last 10 Engs. Only With F.W. Htrs.			15	" " Cap	632-Y-1125	L.S.	1		1020 Bar	✓	632-Y-1125			
		f	Last 10 Engs. Only With F.W. Htrs.			16	" "	632-W-1125	L.S.	#1		1020 Bar	✓	632-W-1125		(Hot Pump Exh. Cold Pump Exh.	
		f	Last 10 Engs. Only With F.W. Htrs.			17	" " Cap	632-W-1125	L.S.	#1		1020 Bar	✓	632-W-1125	Do Not Order For Future		See below
		f	Last 10 Engs. Only With F.W. Htrs.			18	" "	632-X-1125	L.S.	1		1020 Bar	✓	632-X-1125		(Cold Pump Del.)	
		f	Last 10 Engs. Only With F.W. Htrs.			19	" " Cap	632-X-1125	L.S.	1		1020 Bar	✓	632-X-1125			
		f	Last 10 Engs. Only With F.W. Htrs.			20	" "	632-J-1125	L.S.	1		1020 Bar	✓	632-J-1125		(Cold Pump Del.)	
		f	Last 10 Engs. Only With F.W. Htrs.			21	" " Cap	632-J-1125	L.S.	1		1020 Bar	✓	632-J-1125	Do Not Order for Future		See below.
		f	Last 10 Engs. Only With F.W. Htrs.			22	" "	632-A-2463	L.S.	1	Alco 632-S-209400	1020 Bar	✓	632-A-2463		(Cold Pump Del.)	
76-28		f	Last 10 Engs. Only With F.W. Htrs.			23	" " Brk't.	632-A-2474	L.S.	2	Alco 632-S-216360	1020 Bar.-Furn. Brace & Thimbles	✓	632-A-2474		(St. Ht., Cold Pump Del. & Cooling Lines	
76-29		f	Last 10 Engs. Only With F.W. Htrs.			24	" " " Cap-Upper	632-A-2474	L.S.	2	Alco 632-S-216360	1020 Bar	✓	632-A-2474			
76-30		f	Last 10 Engs. Only With F.W. Htrs.			25	" " " " -Lower	632-A-2474	L.S.	2	Alco 632-S-216360	1020 Bar	✓	632-A-2474			
76-24		f	Last 10 Engs Only With F.W. Htrs.			26	" " Brk't.	632-E-2475	L.S.	1	Alco 632-S-216344	1020 Bar. Furn. Brace & Thimble	✓	632-E-2475		(St. Ht. & C.P. Del.)	
76-25		f	Last 10 Engs. Only With F.W. Htrs.			27	" " " Cap	632-E-2475	L.S.	1	Alco 632-S-216344	1020 Bar	✓	632-E-2475			
76-16		f	Last 10 Engs. Only With F.W. Htrs.			28	" " Brk't.	632-A-2475	L.S.	1	Alco 632-S-216340	1020 Bar-Furn. Brace & Thimbles	✓	632-A-2475		(St. Ht. & C.P. Del.)	
76-17		f	Last 10 Engs Only With F.W. Htrs.			29	" " " Cap	632-A-2475	L.S.	1	Alco 632-S-216340	1020 Bar	✓	632-A-2475			
						30	" "		L.S.								
						31	" "		L.S.								
76-31		f	10 Engs. Only Without F.W.Htrs.			32	" " Brk't.	632-B-2474	L.S.	2	Alco 632-S-216361	1020 Bar-Furn. Brace & Thimbles	✓	632-B-2474		(St. Ht., Inj. Del., & Cooling Lines)	
76-32		f	10 Engs. Only Without F.W.Htrs			33	" " " Cap-Upper	632-B-2474	L.S.	2	Alco 632-S-216361	1020 Bar	✓	632-B-2474			
76-33		f	10 Engs. Only Without F.W. Htrs.			34	" " " " -Lower	632-B-2474	L.S.	2	Alco 632-S-216361	1020 Bar	✓	632-B-2474			
76-26		f	10 Engs. Only Without F.W.Htrs.			35	" " Brk't.	632-F-2475	L.S.	1	Alco 632-S-216345	1020 Bar-Furn. Brace & Thimble	✓	632-F-2475		(St. Ht., & Inj. Del.)	
76-27		f	10 Engs. Only Without F.W.Htrs.			36	" " " Cap	632-F-2475	L.S.	1	Alco 632-S-216345	1020 Bar	✓	632-F-2475			
76-18		f	10 Engs. Only Without F.W. Htrs.			37	" " Brk't.	632-B-2475	L.S.	1	Alco 632-S-216341	1020 Bar. Furn. Brace & Thimble	✓	632-B-2475		(St. Ht., & Inj. Del.)	
76-19		f	10 Engs. Only Without F.W.Htrs.			38	" " " Cap	632-B-2475	L.S.	1	Alco 632-S-216341	1020 Bar	✓	632-B-2475			
						39	" "		L.S.								
						40	" "		L.S.								
76-20		f				41	" " Brk't.	632-C-2475	L.S.	2	Alco 632-S-216342	1020 Bar-Furn. Brace & Thimble	✓	632-C-2475		(St. Ht. & A.P. Discharge)	
76-21		f				42	" " " Cap	632-C-2475	L.S.	2	Alco 632-S-216342	1020 Bar	✓	632-C-2475			
76-22		f				43	" " Brk't.	632-D-2475	L.S.	1	Alco 632-S-216343	1020 Bar-Furn. Brace & Thimble	✓	632-D-2475		(St. Ht., & A.P. Discharge)	
76-23		f				44	" " " Cap	632-D-2475	L.S.	1	Alco 632-S-216343	1020 Bar	✓	632-D-2475			
						45	" "		L.S.								
						46	" "		L.S.								
1735		f				47	" " Support	632-A-2484	L.S.	5	Alco 282-S-98850	1020 Bar	✓			(Blower Ext. Rod Guide)	
		f				48	" " " Thimbles		L.S.	5	1" Pipe x Length to Suit		In	Erect. Shop.		(" " " ")	
						49	" "		L.S.								
						50	" "		L.S.								
						51	" " Brk't.	632-A-2572	L.S.	1	Alco 632-S-216710	1020 Bar	✓	632-A-2572		(Cold Pump Del. at Pump)	
						52	" " " U-Bolt.	632-A-2573	L.S.	2	Alco 632-S-215247	1020 Bar	✓	632-A-2573		(" " " ")	
						53	" "		L.S.						Order For Future.		
						54	" "		L.S.								
						55	" "		L.S.								
						56	" "		L.S.								
						57	" "		L.S.								
						58	" "		L.S.								
						59	" "		L.S.								
						60	" "		L.S.								
						61	" "		L.S.								
76-34		f				62	" Support	632-D-2458	L.S.	1	Alco 632-S-216283	1020 Bar	✓			(Steam Heat At Ft. Bumper)	

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	NO. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 63—PIPE FITTINGS								
42-18	B					1	Pipe Clamps - Sander Pipes	1-R 1-L	Alco 632-S-215980	1020 Bar	✓	632-A-2442			
	B					2	" " Cap	2	Alco 632-S-215980	1020 Bar	✓	632-A-2442			
42-19	B					3	" " - Sander Pipes	2-R 2-L	Alco 632-S-215981	1020 Bar	✓	632-B-2442	Ord. 1R & 1L. For Future.		
	B					4	" " Cap	4	Alco 632-S-215981	1020 Bar	✓	632-B-2442	Ord. 2 For Future.		
42-20	B					5	" " - Sander Pipes	2	Alco 632-S-215982	1020 Bar	✓	632-C-2442			
	B					6	" " Cap	2	Alco 632-S-215982	1020 Bar	✓	632-C-2442			
						7	" " - Sander Pipes	2	Alco 632-S-215983	1020 Bar	✓	632-D-2442	} Ord. For Future.		
						8	" " Cap	2	Alco 632-S-215983	1020 Bar	✓	632-D-2442			
42-56	B					9	" " Brkt. - Rail Washer	1-R 1-L	Alco 632-S-216220	1020 Bar	✓	632-A-2461			
42-60	B					10	" " " U-Bolt - Rail Washer	4	Alco 632-S-214657	1020 Bar	✓	632-B-2460			
						11	" "								
42-57	B					12	" " - Ash Pan Flusher	6	Alco 632-S-216221	1020 Bar	✓	632-B-2461			
42-58	B					13	" " Brkt - Ash Pan Flusher	1	Alco 632-S-216222	1020 Bar	✓	632-C-2461		(Ejector Support)	
42-59	B					14	" " " U-Bolt - Ash Pan Flusher	1	Alco 632-S-214656	1020 Bar	✓	632-A-2460			
						15	" "								
						16	" "								
						17	" "								
						18	" "								
						19	" "								
						20	" "								
						21	" "								
						22	" "								
						23	" "								
						24	" "								
						25	" "								
						26	" "								
						27	" "								
42-11	P ✓					28	" "	1	Alco 632-S-216201	1020 Bar	✓	632-B-2477		(For Shipping Loco)	
42-12	P ✓					29	" " Cap	1	Alco 632-S-216201	1020 Bar	✓	632-B-2477			
						30	" "								
						31	" "								
						32	" "								
						33	" "								
						34	" "								
						35	" "								
						36	" "								
						37	" "								
						38	" "								
42-53	B					39	" " - Header Washout Piping	2		1020 Bar	✓	632-U-1125			
42-53	B					40	" " Cap - " "	2		1020 Bar	✓	632-U-1125			
71-57	B	1st. And 11th. Locos. Only				41	" " - Prometer Conduit	3	Alco 542-S-909671	1020 Bar	✓	542-B-1034			
71-58	B	1st. And 11th. Locos. Only				42	" " Base - " "	3	Alco 542-S-909671	1020 Bar	✓				
71-59	B	1st. And 11th. Locos. Only				43	" " - " "	1		1020 Bar	✓	632-D-1125			
71-60	B	1st. And 11th. Locos. Only				44	" " Cap - " "	1		1020 Bar	✓	632-D-1125			
						45									
						46	Train Line Hose Support.	2	Make to Suit In Erect. Shop	1" x 2½" Bar Iron. 4			Weld to Bumper Beam to Suit R. & L. Sides		
						47									
						48									
						49									
						50									
						51									
						52									
						53	**GROUP 64—PIPING ARR'G'T, ETC.**								
45-46	B					54	(Barco) Flexible Joints (Between Eng. and Tender)	1-Set	Barco Dwg.# J.R.S. 3602-C, Sh.#2, Line#92	3-V - With Drain -			1¼" Stoker Ord. In P.D.		
45-47	B					55	" " " " " "	1-Set	Barco Dwg.# J.R.S. 3602-C, Sh.#2, Line#91	3-V - With Drain -			2" Steam Heat Ord. In P.D.		
						56	" " " " " "								
						57	" " " " " "								
						58	" " "								
						59	" " "								
43-57	B					60	" " " Supports	1	Alco 633-S-214894	1020 Bar	✓	633-A-120		(Stoker Steam)	
43-58	B					61	" " " "	1	Alco 633-S-212472	Plate	✓	633-A-119		(St. Heat)	
						62									

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE		NO. PCS.	DRAWING CARD NO.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. O.	FORGINGS SKETCH NO.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 64—PIPING ARRANGEMENTS									
44-36	P	10 Engs. Only With F.W. Htrs.				1	Engine Piping Arrangement	640-A-272 R.S.	1-Set	Alco 640-S-134360						
	P	10 Engs. Only Without F.W. Htrs.				2	" " "	640-B-272 R.S.	1-Set	Alco 640-S-134361						
44-37	P	10 Engs. Only With F.W. Htrs.				3	" " "	640-A-273 L.S.	1-Set	Alco 640-S-134370						
	P	10 Engs. Only Without F.W. Htrs.				4	" " "	640-B-273 L.S.	1-Set	Alco 640-S-134371						
44-38	P					5	" " Sections	640-A-274	1-Set	Alco 640-S-134380						
23-5	P	1st. 10 Engs. Only				6	Piping Arr'g't. Bet. Eng. & Tender	640-B-269	1-Set	Alco 4713-S-901771	Style #2					
23-4	P	Last 10 Engs Only				7	Piping Arrangement—Between Eng. and Tender	640-A-269	1-Set	Alco 4713-S-901770	Style #1					
						8	Ash Pan Hopper Slide Frame Heater Piping									
44-39	P					9	Ash Pan Flusher Piping	648-A-126	1-Set	Alco 648-S-134280						
						10	" " Blower Piping									
44-44	P					11	Brake Piping	649-A-90	1-Set	Alco 649-S-133330						
44-45	P					12	" " Ft. of Eng.	643-A-347	1-Set	Alco 643-S-134180	For Shipping Loco.					
						13	" Governor Piping									
44-59	P					14	By-Pass Valve Piping	643-A-345	1-Set	Alco 643-S-133950						
45-32	P					15	Blower Piping in Smoke Box	643-A-344	1-Set	Alco 643-S-133810						
						16	Booster Piping									
45-35	P					17	St. Chest Pressure Piping	642-A-381	1-Set	Alco 642-S-134020						
44-54	P					18	Blow-Off Muffler Piping	647-A-155	1-Set	Alco 647-S-133760	(Furn. FILLER BARS - 2 per Loco FOR C.O. 1200 ONLY.)					
						19	Bell Ringer Piping									
44-50	P					20	Air Pump Lubricator Piping	643-A-348	1-Set	Alco 643-S-53930	Nathan LB-3 Lub. List of Purchased Mat'l. shown on Dwg.					
45-8	P					21	Cylinder Cock Piping	642-A-378	1-Set	Alco 642-S-134130						
						22	Cab Heater Piping									
						23	" " "									
						24	Cab Radiator Piping									
						25	" " "									
						26	Cab Heater Drain Piping									
	P	10 Engs. Only With F.W. Htrs.				27	Inj. Heater Piping	643-A-350	1-Set	Alco 643-S-135270						
	P	10 Engs. Only Without F.W. Htrs.				28	" Dead Engine Fixture Piping	643-B-350	1-Set	Alco 643-S-135271						
						29	Driving Box Journal Cooling Piping									
						30	Dynamo Drain Piping									
						31	Dynamo Exhaust Separator Piping									
						32	Fire Door Needle Valve Piping									
45-10	P	Last 10 Engs. Only				33	Feed Water Heater Piping	640-B-270	1-Set	Alco 6413-S-31171						
						34	Flange Oiler Piping	F								
						35	" " "	B.								
						36	Front End Brake Piping									
						37	Governor Drain Piping									
						38	Journal Cooling Piping									
						39	" " "									
						40	Oil Piping									
						41	Oil Heater Piping									
						42	Power Reverse Piping									
						43										
45-26	P					44	Rail Washer Piping	644-A-129	1-Set	Alco 644-S-134390						
45-28	P					45	Sander Piping	648-A-125 (At Box) (& Rail)	1-Set	Alco 648-S-133880						
						46	" "	(" ")								
						47	" "	(At Rail)								
						48	Stoker Piping									
						49	Stoker Engine Drain Piping									
45-2	P					50	Sprinkler Piping				See Rail Washer Piping					
						51	Steam Gauge Piping									
						52	" Heat Gauge Piping									
						53	Smoke Consumer Piping									
45-14	P					54	Header Washout Piping	642-A-380	1-Set-R 1-Set-L	Alco 642-S-133620						
						55	Water Gauge Drain Piping	R.S.								
						56	" " " "	L.S.								
						57	" " Piping									
						58	" " "									
						59	Water Column Drain Piping									
						60	Water Circulator Piping									
						61										
45-59	P					62	Whistle Air Piping	642-A-379	1-Set	Alco 642-S-134140						

Do Not Order For Future.

Rev. "Y" For Future

Rev. "T" For Future.

Rev. "Y" For Future.

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE		No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P.D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 65—PISTON									
46-1	P					1	Piston – Finishing Dwg.	652-A-218	2	Alco 652-S-16890	Ord. In P.D. - Forged Steel Rough Bored & Rough Turned				(Furn. Snap Ring Dowels	
	P					2	" Center	(Ordering Diagram)	2	Bethlehem Steel Co. Dwg. WP-6656	Beth. Spec. # P-5283 Ord. In P.D.					
						3	" Follower									
						4	" Bull Rings									
						5	" Tee Rings									
46-3	P					6	" Snap Rings	652-A-220	6	Alco 652-S-92622	H.S. Gun Iron Tubs Ord. In P.D.			H.S. Path # 2506 1-Tub Suff For 3 Locos.		
						7	" " "									
						8	" " " Springs									
						9	" Plug									
	P					10	Piston Rod - Ordering Dwg.	652-B-217	2		Med. Car. Steel Hollow Bored Ord. In P.D. - Rough Turned with Center Plug Applied					
46-6	P					11	Piston Rod - Finishing Dwg.	652-A-221	2	Alco 652-S-56990	Med. Car. Steel Ord. Rough Turned In P.D. (Fit Up R & L.)					
46-8	P				S	12	" " Nuts	652-A-221	2	Alco 652-S-56990	Med. Car. Steel ✓		6 7/8" Hex. Across Flats x 2 1/2" Thk. Finished	Sizes		
46-15	P	✓				13	" " Extension Guide Bushing	652-A-225 ~~223~~ ✓	2	Alco 70290 652-S-70280	~~Lining Cast In~~ - To Withstand 600° F., ~~Est.~~ Ord. In P.D. ~~Rough bored Finished Otherwise~~ Complete Finished			Magnus	~~ABR Med.~~ Bronze L-65-S-2164	
46-14	P	✓				14	" " " Guide	652-A-226 ~~222~~	2	Alco 70300 652-S-70270					L-65-S-2163	
46-14	P	✓				15	" " " Cover	652-A-226 ~~222~~	2	Alco 70300 652-S-70270	Steel Tube ✓					
46-17	P					16	" " " Guide Bush. Gasket		2	1/4" dia. Copper Wire x Length to Suit - Ends Brazed	Weld Into Guide ✓					
46-9	P					17	" " End ~~Key~~ & X-Hd. End.	652-A-224	1-Set	Alco 652-S-56942	For Fit Up. R & L.					
46-16	P					18	" " Ext. Guide Cover R.	652-B-226	2	Alco 652-S-70301	C.R. Steel Bar ✓					
	P					19	Piston Rod ~~Marking~~ Casing Cover R.	652-A-236	2		Plate ✓					
						20										
	P					21	Piston Rod Packing	Paxton-Mitchell	4 Rod Sets	Dwg. No. M-4690	For Supht. Steam Ord. In P.D.		(2 Rods Sets For Extension 2-Rods Sets For Bk. End)			
						22	" " " Gland									
						23	" " " Swab Cup									
						24	" " " Babbit Ring									
						25	" " " " "									
						26	" " " Split Ring									
						27	" " " Spring									
						28	" " " " Case									
46-10 46-12	P					29	" " " Ordering Dwg.	652-A-219	1-Set	Alco 652-S-60750	Do Not Schedule					
						30										
						31	GROUP 66—PLUGS									
	P					32	Arch Tube Plug			SEE PAGE 68 ITEM 57						
						33	" " "		—							
46-54	P					34	Cylinder Bushing Plug	662-A-198	4	Alco 661-S-9794					L-66-S-36	
						35	Cab Roof Inspection Plug									
						36	Eccentric Strap Plug		—							
						37	Filling Plug									
	P					38	Fusible Plug		2	NATHAN No. 1 " Dwg. 4882	ORD. IN P.D.		—	—	—	—
						39	Feed Water Heater Test Plug									
						40	" " " " "									
46-57	P					41	Indicator Plug	662-A-199	4	Alco 662-A-9052	Stick Brass ✓					
						42	Mud Drum Plug		—							
46-60	P					43	Peep Hole Plug	662-A-200	4	Alco 661-S-22531						Steam Bronze L-66-S-1475
						44	Pyrometer Plug									
						45	Smoke Box Plug		—							
						46	Superheater Turret Plug		—							
						47	Saturated Turret Plug		—							
						48	" " "		—							
						49	Test Plug									
						50	" "									
	P					51	WASHOUT PLUG - SMOKEBOX		1	PRIME DWG. 404-A	ORD. IN P.D.		THREADED 2" AT POINT TAPER 1/4" IN 12" 12 WHITWORTH THDS. PER 1"	—	—	—
						52	Waist Plug		—							
						53	" "		—							
						54	" "		—							
	P					55	Washout Plug THREADING	662-A-197	22	ALCO 661-S-91696	"T-Z" CO. 574-B ORD. IN P.D.					
	P					56	" " " (FRONT MUD RING CORNERS)	662-B-197	2	ALCO. 661-S-91697	"T-Z" CO. 1206L ORD. IN P.D.		90% THREADED BY DETROIT TAP & TOOL CO. 10% " " LIMA LOCO. WORKS, INC.			
	P					57	" " " (ARCH TUBE & BOT. OF 2ND COURSE)	662-C-197	9	ALCO. 661-S-91698	"T-Z" CO. 574-B ORD. IN P.D.					
	P					58	" " " (FRONT TUBESHEET)	662-D-197	1	ALCO. 661-S-91699	"TZ" CO. 574-B ORD. IN P.D.		—	—	—	—
						59	Hand Hole Plug		—							
						60	Valve Chamber Bushing Plug									
	P					61	" " " " Washer		4	2" O.D. x 1 1/16" I.D. x 1/16" Thk. Copper	Ord. In P.D.					
	P					62	APPLICATION OF WASHOUT PLUG BUSHING	662-A-196		ALCO 661-S-91100	—		—	—	—	—

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 68—REVERSE LEVER								
						1	Reverse Lever								
						2	" " Handle								
						3	" " Latch								
						4	" " " Guide								
						5	" " " " Rod								
						6	" " Quadrant								
						7	" " " Support								
						8	" " " Block								
						9	" " Arm								
						10	" " Fulcrum								
						11	" " Foot Rest								
						12	" " Floor Cover								
						13	" " Latch Spring								
						14	" " Stop Pin								
						15	" " " Plate								
						16	" " " " Arr'g't.								
						17									
						18									
						19									
						20	Power Reverse								
						21	" " Cylinder Support								
						22	" " " " Brace								
						23	" " Screw Support								
						24	" " " " Filler Block								
						25	" " Hand Lever								
						26	" " " " Support								
						27	" " " " " Filler Block								
P					✓	28	Screw Reverse								
						29									
						30	Power Reverse Cylinder Casing								
						31	" " " " Heads								
						32	" " " " "								
						33	" " Arrangement in Cab								
						34									
						35									
						36									
						37									
						38	GROUP 69—REVERSE SHAFT								
47-50	P					39	Reverse Shaft	692-A-599	1	Alco 692-S-108040	1020 Bar Arms Shrunk On.	✓			
47-53	P					40	" " Arm-Crank	692-A-596 R	1	Alco 692-S-107990				L-69-S-3097	
47-51	P					41	" " "	692-A-597 L	1	Alco 692-S-107980				L-69-S-3096	
	P					42	" " " Keys		2	$\frac{3}{4}$" Sq. C.R. Steel-Length to suit.		✓			
						43	" " "								
48-53	P					44	" " " Bushings-Crank.	583-D-124	1	Alco 583-S-91317					A.A.R. Phos. Bronze L-58-S-1927
						45	" " " "								
48-34	P					46	" " " (Counterbalance)	692-A-599	1	Alco 692-S-108040	1020 Bar Weld on Shaft	✓			
						47	" " Stops								
						48	" " " Adjustment								
						49	" " " " Screws								
47-54	P					50	" " Bearing	692-A-598	2	Alco 692-S-23220	Furn. Dowels Steel (4 Halves makes 2 Bushings)			L-69-S-3094	
48-57	P					51	" " " Bushing	692-A-602	2	Alco 692-S-90914				L-69-S-3109	
						52	" " "								
						53	" " " Bushing								
47-54	P					54	" " " Cap	692-A-598	2	Alco 692-S-23220	Furn. Tapered Steel Dowels	(Apply Oil Cup Wires & Hair)		L-69-S-3095	
						55	" " " "								
						56	" " " Friction Bushings								
						57	" " " " "								
						58	" " " " " Dowels								
						59	" " " " " Springs								
48-42	P					60	" " Arm Pins At Lifting Links	692-B-604	2	Alco 692-S-90868	1020 Casehardened Furn. Cotters	✓	(Nuts Casehardened Ord. In P.D.)		
" "	P					61	" " " " Washer	692-B-604	2	Alco 692-S-90868	1020 Bar	✓			
						62									

See Page 93 For Power Reverse Application Dwgs.

See Page 89 For Screw Reverse & Details.

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	NO. PCS.	DRAWING CARD NO.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P.D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 69—REVERSE SHAFT (Cont.)								
48-33	P				S	1	Reverse Shaft Counter Balance Rod 692-B-522	1	Alco 692-S-32317	1020 Steel Apply Nuts	✓	692-B-522	(Nuts Ord. In P.D.)		
54-37	P					2	" " " " " Spring 692-A-595	1	Alco 762-A-6030	Steel - Coil Ord. In P.D.					
48-52	P					3	" " " " " Pin [redacted] Spring 692-A-518	1	Alco 692-S-9771	1020 Bar Casehardened	✓	Furn. Cotter			
48-37	P					4	" " " " " Washer 692-A-600	1	Alco 692-A-3029				L-69-A-33		
						5	" " " " " Stop								
						6	" " " " " Washer								
48-36	P					7	" " " " " Casing 692-A-601	1	Alco 692-S-33180				L-69-S-3101		
						8	" " " " " Support								
						9	" " " " " Arr'g't.								
						10									
48-2	P					11	Reach Rod Body 693-A-97 (Gear to Cab)	1	Alco 693-S-48000	2" Ex. Hy. Pipe Ends Welded In	✓				
48-5	P					12	" " Bk. End Jaw [redacted] Inside 693-A-97 (" " ")	1	Alco 693-S-48000	1020	✓	693-A-97			
48-4	P					13	" " Bk. End Jaw [redacted] Outside 693-A-97 (" " ")	1	Alco 693-S-48000	1020	✓	693-A-97			
48-3	P					14	" " Ft. End Plug 693-A-97 (Gear to Arm)	1	Alco 693-S-48000	1020 Bar	✓				
48-6	P					15	" " [redacted] Guide 693-A-97 (" " ")	1	Alco 693-S-48000	Flame Cut Plate	✓				
48-59	P					16	" " Bushings Bk. Outside 692-B-602 ( )	1	Alco 692-S-90915						A.A.R. Phos. Bronze L-69-S-3110
48-60	P					17	" " " Bk. Inside 692-C-602	1	Alco 692-S-90916						A.A.R. Phos. Bronze L-69-S-3110
48-49	P					18	" " Pin - At Shaft Arm 692-A-604	1	Alco 692-S-90867	1020 Casehardened Furn. Dowel & Cotter	✓		(Nut Casehardened Ord. In P.D.)		
						19	" " Bushing								
						20	" "								
						21	" "								
48-12	P					22	" " Jaws 692-A-603	1	Alco 692-S-43346	Furn. Pinch Bolt & Nut-1020	✓			Lima Patt. 69-319	
						23	" " "								
						24	" " " Pins								
						25	" " Guide								
						26	" " " Bracket								
						27	" " Thrust Bearing								
						28	" " " "								
						29	" " " " Cap								
						30	" " " " "								
						31	" " " " Bushing								
						32	" " " " "								
						33	" " " " Bracket								
						34	" " " " Support								
48-11	P					35	" " Guide Filler Blocks 682-B-365	2	Alco 682-S-54552	1020 Bar	✓				
48-7	P					36	" " " Rollers Brkt 692-A-605	1	Alco 692-S-48010	Plate & Bar Furn. Complete	✓	692-A-605			
48-9	P					37	" " " " [redacted] 692-C-604	1	Alco 692-S-90869	1020 Casehardened	✓				
48-8	P					38	" " " " [redacted] Pin 692-C-604	1	Alco 692-S-90869	1020 Casehardened	✓				
48-10	P					39	" " " " [redacted] " Washer 692-C-604	1	Alco 692-S-90869	1020 Bar	✓				
						40	" " " " Support								
						41									
						42	**GROUP 70—ROCKER AND BOX**								
						43	Rocker								
						44	" Arm								
						45	" Box								
						46	" " Cap								
						47	" " Pin								
						48									
						49	**GROUP 71—RUNNING BOARD**								
49-10	P					50	Running Board 716-A-88	1 Set	Alco 716-S-103080	Diamond Patt. Plate	✓				
						51	" " Material								
49-53	P					52	" " Angle Stiffener 716-A-88	2	Alco 716-S-103080	Angle	✓		Alco-712-S-94944 Lima-712-A-427		
						53	" " "								
49-45	P					54	Running Board Edge 716-A-88	1	Alco 716-S-103080	Tee-Iron	✓		Alco-712-S-99512 Lima-712-A-428		
49-46	P					55	" " " 716-A-88	1	Alco 716-S-103080	Tee-Iron	✓		Alco-712-S-99513 Lima-712-B-428		
49-47	P					56	" " " 716-A-88	2	Alco 716-S-103080	Tee-Iron	✓		Alco-712-S-99514 Lima-712-C-428		
						57	" " "								
						58	" " "								
						59	" " "								
						60									
						61	Running Board Clamp Washers								
						62									

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 71—RUNNING BOARD								
49-14						1	Running Board Bracket S.Box Ft. R&L.	2	712-A-430	Alco 712-S-309110 1020 Bar	✓	712-A-430			
49-14						2	" " " S.Box Bk. R.S.	1	712-A-430	Alco 712-S-309110 1020 Bar	✓	712-A-430			
49-15						3	" " " S.Box Bk, L.S.	1-L	712-B-430	Alco 712-S-309111 1020 Bar	✓	712-B-430			
49-16						4	" " " 1st. Cr. L.S.	1-L	712-C-430	Alco 712-S-309112 1020 Bar	✓	712-C-430			
49-17						5	" " " 2nd. Cr. R&L.	2	712-D-430	Alco 712-S-309113 1020 Bar	✓	712-D-430			
49-18						6	" " " Fire Box Ft. R&L.	2	712-A-429	Alco 712-S-309093 1020 Bar	✓	712-A-429			
49-19						7	" " " Fire Box Bk.-R&L.	2	712-B-429	Alco 712-S-309094 1020 Bar	✓	712-B-429			
49-20						8	" " " Res. Brkt. Angles	1-R 1-L	712-C-429	Alco 712-S-309095 Steel Angle	✓				
49-21						9	" " " Side Fire Box Under Cab R&L.	1-R 1-L	712-D-429	Alco 712-S-309096 1020 Bar	✓	712-D-429			
49-22						10	" " " Bk. Fire Box Under Cab R&L.	2	712-E-429	Alco 712-S-309097 1020 Bar	✓	712-E-429			
49-24						11	" " " 1st. Cr., R.S. Front	1	712-B-431	Alco 712-S-309121 1020 Bar. Furn.& Weld On Lug	✓	712-B-431	(Auxiliary Res. Support)		
49-23						12	" " " 1st. Cr., R.S. Back	1	712-A-431	Alco 712-S-309120 1020 Bar. Furn.& Weld On Lug.	✓	712-A-431	(Auxiliary Res. Support)		
49-25						13	" " " Res. Brkt. Angles	1-R 1-L	712-E-430	Alco 712-S-309114 Steel Angle	✓				
						14	" " "								
						15	Running Board Bracket Filler Blocks								
						16	" " " " "								
						17	" " " " "								
						18	" " " " "								
						19	Running Board Bracket Washers								
						20	" " " "								
						21									
						22									
						23	Running Board Angle Supports								
						24	" " " "								
						25	" " " "								
						26	" " " "								
						27	" " " "								
						28	" " " "								
						29									
						30	Side Sheet								
						31	" "								
						32	" " Angle								
						33	" " "								
						34									
						35									
						36	Running Board Skirting								
						37	" " " Material								
						38	" " " Door Latches								
						39	" " " " "								
						40	" " " " "								
						41	" " " " "								
						42	" " " " Handle								
						43	" " " " "								
						44	" " " Support								
						45	" " " "								
						46	" " " "								
						47	" " " "								
						48	" " " "								
						49	" " " "								
						50	" " " "								
						51	" " " " Clamp								
						52	" " " " "								
						53	" " " Angle								
						54	" " " "								
						55	" " " "								
						56	" " " "								
						57									
						58									
						59									
						60									
						61									
						62									

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE		No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 72—RODS, MAIN AND SIDE									
50-2	P					1	Rods—Main	723-A-211	1-R 1-L	Alco 723-S-105470	Mang.-Van Steel Apply Oil Cup Wires	✓				
	P					2	Front Stub Brass (Ft. Half)	723-A-211	2	Alco 723-S-105470	Machining Dwg. Only - For Pattern See Item #8					
	P					3	" " [redacted] (Bk. Half)	723-A-211	2	Alco 723-S-105470	Machining Dwg. Only - For Pattern See Item #9					
50-11	P					4	" " Wedge	723-A-211	2	Alco 723-S-105470	1045 Bar	✓				
	P					5	" " Block	723-A-211	2	Alco 723-S-105470	1045 Bar	✓	Furn. & Apply Dowels			
	P					6	" " [redacted] Liner	723-A-211	2	Alco 723-S-105470	Plate	✓				
	P					7	" " Washer	722-A-677	4	Alco 72-A-1170	1020 Bar	✓				
50-9	P					8	" " Brass Path. Dwg. Only	722-B-672 Front Half	2	Alco 722-S-97124						A.A.R. Hard Bronze L-72-S-4480
50-17	P					9	" " " Path. Dwg. Only	722-A-672 Back "	2	Alco 722-S-97123						A.A.R. Hard Bronze L-72-S-4479
50-1	P				S	10	Main Rod Forging Dwg.	723-A-210	2	Alco 723-S-105460	Mang.-Vanadium Steel	✓	723-A-210			
	P					11	Main Rod Machining Dwg.	723-A-212	1-R 1-L		For Lima Use Only					
						12	Main Stub									
						13	" " Strap									
						14	" " Wedge									
						15	" " Filling									
						16	" " " Plate									
50-26	P					17	" " Brass-Bk. Ordering Dwg.	722-A-674	2		Ord. In P.D. Semi-Machined With Babbitt Applied					AAR Hard Bronze L-72-S-4481
	P					18	" " " -Bk. Machining Dwg.	723-A-211	1-R 1-L	Alco 723-S-105470	Machining Only - For Pattern See Item #17					
						19	" " Grooving									
						20	" " Steel Bushing									
						21	" " " "									
						22	" " Floating Bushing									
						23	" " " "									
						24	" " Lock Washer									
						25	" " Keeper Bolts									
						26										
						27										
50-39	P			x		28	Rods—Side—Front	726-A-64	1-R 1-L	Alco 726-S-208100	Mang.-Van. Steel	✓				
						29	Front Stub									
						30	" " Strap									
						31	" " Key									
						32	" " Filling									
50-48	P					33	" " [redacted] - Ordering Dwg.	722-B-674	2		Ord. In P.D. Semi-Machined With Babbitt Applied					A.A.R. Hard Bronze L-72-S-4482
	P			x		34	" " " - Machining Dwg.	726-A-64	2	Alco 726-S-208100	Machining Dwg. Only - For Pattern See Item #33					
						35	" " Floating Bushing									
						36	" " " "									
						37	" Rod Rear Brass									
						38	" " " "									
						39	" " " Floating Brass									
						40	" " " " "									
						41	" Rod Keeper Bolts									
						42	" " " " Lock Washer									
50-43	P				S	43	Front Side Rod Forging Dwg.	726-A-63	1-R 1-L	Alco 726-S-208090	Mang.-Vanadium Steel	✓	726-A-63			
	P					44	Front Side Rod Machining Dwg.	723-A-213	1-R 1-L		For Lima Use Only					
50-40	P			x		45	Rod—Side—Int. Front	726-B-64	1-R 1-L	Alco 726-S-208101	Mang.-Van. Steel	✓				
						46	Inter. Stub									
						47	" " Strap									
						48	" " Key									
						49	" " Filling									
50-49	P					50	" " Brass - Ordering Dwg.	722-C-674 Front	2		Ord. In P.D. - Semi-Machined With Babbitt Applied					A.A.R. Hard Bronze L-72-S-4483
	P			x		51	" " " - Machining Dwg.	726-B-64 "	2	Alco 726-S-208101	Machining Dwg. Only. - For Pattern See Item #50					
						52	" " Floating Bushing									
						53	" " " "									
50-50	P					54	" " Brass Ordering Dwg.	722-D-674 Rear	2		Ord. In P.D. Semi-Machined With Babbitt Applied					A.A.R. Hard Bronze L-72-S-4484
	P			x		55	" " " - Machining Dwg.	726-B-64 "	2	Alco 726-S-208101	Machining Dwg. Only - For Pattern See Item #54					
						56	" " " Floating Bushing									
						57	" " " " "									
						58	" " Keeper Bolt									
						59	" " " " Lock Washer									
50-44	P				S	60	Ft. Int. Side Rod Forging Dwg.	726-B-63	1-R 1-L	Alco 726-S-208091	Mang.-Vanadium Steel	✓	726-B-63			
	P			x		61	Ft. Int. Side Rod Machining Dwg.	723-A-214	1-R 1-L		For Lima Use Only					
						62										

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 72—RODS, MAIN AND SIDE (Cont.)								
50-41	P			X		1	Rods—Side—~~Main~~ Back Int.	726-C-64	1-R Alco 1-L 726-S-208102	Mang. Van. Steel	✓				
						2	Main Stub								
						3	" " Strap								
						4	" " Key								
						5	" " Filling								
50-49	P					6	" " Brass - Ordering Dwg.	722-C-674	2	Ord. In P.D. Semi-Machined With Babbitt Applied					A.A.R. Hard Bronze L-72-S-4483,
	P			X		7	" " " - Machining Dwg.	726-C-64	2 Alco 726-S-208102	Machining Dwg. Only - For Pattern See Item #6					
						8	" " " Floating Bushing								
						9	" " " " "								
						10	" " Keeper Bolt								
						11	" " " " Washer								
50-45	P				S	12	Bk. Int. Side Rod Forging Dwg.	726-C-63	1-R Alco 1-L 726-S-208092	Mang.-Vanadium Steel	✓	726-C-63			
	P					13	Bk. Int. Side Rod Machining Dwg.	723-A-215	1-R 1-L	For Lima Use Only					
50-42	P			X		14	Rods—Side—Back	726-D-64	1-R Alco 1-L 726-S-208103	Mang. Van. Steel	✓				
						15	Back Stub								
						16	" " Strap								
						17	" " Filling								
50-48	P					18	" " Brass - Ordering Dwg.	722-B-674	2	Ord. In P.D. Semi-Machined With Babbitt Applied					A.A.R. Hard Bronze L-72-S-4482,
	P			X		19	" " " - Machining Dwg.	726-D-64	2 Alco 726-S-208103	Machining Dwg. Only - For Pattern See Item #18					
						20	" " Floating Bushing								
						21	" " " "								
						22	" " Keeper Bolt								
						23	" " " " Lock Washer								
50-46	P				S	24	Back Side Rod Forging Dwg.	726-D-63	1-R Alco 1-L 726-S-208093	Mang.-Vanadium Steel	✓	726-D-63			
	P			X		25	Back Side Rod Machining Dwg.	723-A-216	1-R 1-L	For Lima Use Only					
51-2	P				S	26	Knuckle Pin - Ft. & Bk.	722-A-675	4 Alco 722-S-33400	Mild Steel Casehardened	✓	722-A-675			
51-5	P					27	" " ~~Bushing~~ Collar	722-A-675	4 Alco 722-S-33400	1045 Bar	✓				
51-7	P				S	28	" " Nut	722-A-675	4 Alco 722-S-33400	Mild Steel Casehardened	—	$4\frac{1}{4}$" Hex. Across Flats x $1\frac{1}{8}$" Thk. - Finished Sizes			
51-9	P					29	" " ~~Lock~~ Key	722-A-675	4 Alco 722-S-33400	C.R.S.-1035	✓				
51-3	P				S	30	" " - ~~Main~~ Main Int.	722-A-676	2 Alco 722-S-33410	Mild Steel Casehardened	✓	722-A-676			
51-9	P					31	" " Key	722-A-676	2 Alco 722-S-33410	C.R.S.-1035	✓				
51-6	P					32	" " Collar	722-A-676	2 Alco 722-S-33410	1045-Bar	✓				
51-8	P				S	33	" " Nut	722-A-676	2 Alco 722-S-33410	Mild Steel Casehardened	—	$5\frac{3}{4}$" Hex. Across Flats x $1\frac{1}{4}$" Thk. - Finished Sizes			
						34	Side Rod Grease Grooving								
						35									
	P					36	Main Rod ~~& Side Rod~~ Marking	994-A-25	1-Set Alco 994-S-53190						
						37									
						38	Knuckle Pin Marking								
51-11	P					39	" " Bushing - Front & Back	722-A-671	4 Alco 722-S-98264						A.A.R. Hard Bronze L-72-S-1098,
51-12	P					40	" " " - Main	722-B-671	2 Alco 722-S-98265						A.A.R. Hard Bronze L-72-S-1863,
						41									
						42									
						43									
						44									
						45									
						46									
						47									
						48									
						49									
						50									
						51									
						52									
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						57									
						58									
						59									
						60									
						61									
						62									

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE		NO. PCS.	DRAWING CARD NO.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH NO.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 73—SAND BOX									
51-13	P					1	Sand Box ~~Front~~ Dome Casing	733-A-139	1	Alco 733-S-100920	Plate & Bars. & Angles Furn. Complete	✓				
						2	" " Back									
						3	" " Base									
						4	" " "									
51-28	P					5	" " Outlet Washers	733-A-139	8	Alco 733-S-100920	Bar Steel	✓				
						6	" "									
						7	" " Top									
						8	" " Lid									
						9	" " Valve									
						10	" " " Seat									
						11	" "									
						12	" " Arm									
						13	" " Rod									
						14	" " Shaft									
						15	" " Lever									
						16	" " Rod Handle									
						17	" " Bracket									
51-25	P				S	18	" " Handle	732-A-234	1	Alco 732-S-2993	1020 Bar	✓	732-A-234			
	P					19	Sand Box Lid	732-A-277	2	Alco 732-S-100930	Plate					
	P					20	" " " Hinge		4	6" Hy. Strap Steel - Blank	Ord. In P.D.					
	P					21	" " " Catch ~~Strap~~	732-A-277	2	Alco 732-S-100930	1020 Bar	✓	732-A-277			
51-16	P					22	" " " ~~Handle~~ " Spud	732-A-277	2	Alco 732-S-100930	1020 Bar	✓				
	P					23	" " " " Straps									
	P					24	" " " Chain & "S" Hook	732-A-277	2 Sets	Alco 732-S-100930	Chain & "S" Hook - Comm. Ord. In P.D.		(Assemble & Apply Complete)			
						25	Sand Box Supports									
						26	" " "									
						27	" " "									
						28	" " "									
						29	" " " Brackets									
						30	" " " "									
						31	" " " "									
						32										
51-40	P					33	Sand Box Washers	732-A-276	2	Alco 732-S-9450	2 5/8" High			L-73-S-971		
51-39	P					34	" " "	732-B-276	2	Alco 732-S-9452	2 7/8" High			L-73-S-969		
51-41	P					35	" " "	732-C-276	2	Alco 732-S-9453	3" High			L-73-S-966		
51-42	P					36	" " "	732-D-276	2	Alco 732-S-9455	3 1/4" High			L-73-S-996		
						37	" " "									
						38	" " "									
						39										
						40										
42-45	P					41	Sand Pipe Collars	632-H-2443	8	Alco 632-S-216016	1020 Bar	✓				
						42	" " "									
						43										
						44										
42-39	P					45	Sand Pipe Brackets	632-A-2443	2	Alco 632-S-216010	1020 Bar	✓	632-A-2443			
42-40	P					46	" " "	632-B-2443	2	Alco 632-S-216011	Flame Cut Plate	✓				
42-41	P					47	" " "	632-C-2443	2	Alco 632-S-216012	Flame Cut Plate	✓				
42-42	P					48	" " "	632-D-2443	2	Alco 632-S-216013	Flame Cut Plate	✓				
42-43	P					49	" " " Lower Support	632-E-2443	8	Alco 632-S-216014	1020 Bar	✓	632-E-2443			
						50	" " "									
42-44	P					51	" " " U-Bolts	632-F-2443	8	Alco 632-S-216015	1020 Bar Furn. Nuts	✓	632-F-2443			
						52	" " " "									
						53	" " " "									
						54	" " " "									
						55										
	P					56	Air Sander Traps	Ajax-Consolidated	8	Dwg. No. 214 - A	Model - AC-4 Ord. In P.D.					
	P					57	" " Operating Valve	U.S.M.P. Co.	1	Dwg. No SV-362-A	King #29-P Ord. In P.D.					
						58	" " Trap Seat									
						59	" " " "									
42-50	P					60	Sand Pipe Supports	632-A-2444	1-Set	Alco 632-S-216080	Flame Cutting Diagram					
42-51	P					61	" " "	632-A-2445	1-Set	Alco 632-S-216090	Flame Cutting Diagram					
42-52	P					62	" " "	632-A-2446	1-Set	Alco 632-S-216100	Flame Cutting Diagram					

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 75—SMOKE BOX								
52-41	P	10 Engs. Only With F.W. Htrs.				1	Smoke Box Arrangement	757-A-39	1-Set Alco 747-S-100850						
53-34	P					2	Deflecting Plate Arr'g't.	754-A-105	1-Set Alco 744-S-65400	Plates, Bars & Angles.	✓		(Furnish Complete)		
						3	" " Material								
	P					4	" " Angle - Sides of S. Box	754-A-105	1-Set Alco 744-S-65400	Steel Angle	✓	Forged to Suit Erect. Shop Templates			
	P					5	" " " Back End of Table Pl.	754-A-105	1 Alco 744-S-65400	Steel Angle	✓	Forged to Suit Erect. Shop Template			
						6	" " "								
						7	" " "								
53-35	P					8	" " Support	752-D-408	1-R Alco 1-L 742-S-903425	1020 Bar	✓	752-D-408			
53-30	P					9	" " Handle	752-A-408	8 Alco 742-S-903422	1020 Bar	✓	752-A-408			
53-36	P					10	" " Clamp	752-C-408	8 Alco 742-S-903424				L-74-S-818		
						11	" " Nuts								
	P					12	" " Key Studs	752-C-414	5 Alco 742-S-902075	1020 Bar	✓	752-C-414			
	P					13	" " " Keys	152-B-63	5 Alco 152-A-3001	Steel Ord. In P.D.					
						14	" " "								
						15	" " Stiffener								
						16	" " "								
52-43	P	10 Engs Only Without F.W. Htrs.				17	Smoke Box Arrangement	757-B-39	1-Set Alco 747-S-100851						
						18	Smoke Box Deflector Plate								
						19	" " " " Angle								
						20									
						21									
						22									
						23									
						24									
53-44	P	10 Engs. Only With F.W. Htrs.				25	Smoke Box Netting Arr'g't.	754-A-106	1-Set Alco 744-S-903660	Bars, Plates & Angles.	✓		(Furnish Complete)		
53-45	P	10 Engs. Only Without F.W. Htrs.				26	" " " "	754-B-106	1-Set Alco 744-S-903661	Bars, Plates & Angles	✓		(Furnish Complete)		
	P					27	" " " Material		1-Set $2\frac{1}{2} \times 2\frac{1}{2}$ #11 B.W.G.	Netting - Ord. In P.D.					
						28	" " " Door								
	P					29	" " " Bar "Z"	754-A-106	1 Alco 744-S-903660	1020 Bar	✓	754-A-106			
						30	" " " " Frame								
53-47	P					31	" " " Frame	752-A-412	1 Alco 742-S-903004	1020 Bar	✓	752-A-412			
						32	" " " "								
						33	" " " Door Fastener								
						34	" " " " " " Pin								
53-48	P					35	" " " " " " Key Stud	752-A-414	12 Alco 742-S-902073	1020 Bar steel	✓	752-A-414			
	P					36	" " " " " " Key	152-B-63	12 Alco 152-A-3001	Ord. In P.D.					
	P					37	" " " Angle - Top of Table Pl. Ft.	754-A-106	1 Alco 744-S-903660	Plate	✓	754-A-106			
	P					38	" " " " - On Sides Of S. Box	754-A-106	1-Set Alco 744-S-903660	steel Angles	✓	Forged to Suit Erect. Shop Template			
						39	" " " "								
						40	" " " "								
						41	" " " "								
						42	" " " " Brace								
						43	" " " " "								
						44	" " " Door Handle								
	P					45	" " " Fastening - Door	752-B-414	1-Set Alco 742-S-902074						
	P					46	" " " " - Sides	752-D-414	1-Set Alco 742-S-902076						
						47	" " "								
						48	" " "								
						49	" " "								
						50									
						51									
						52									
						53									
57-45	P					54	Smoke Box Brace	753-A-345	1-R Alco 1-L 743-S-903650	1020 Bar	✓	753-A-345	Rev. 'X' For Future.		
						55									
						56									
						57									
						58									
						59									
						60									
						61									
						62									

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 75—SMOKE BOX (Cont.)								
						1	Tee Head Brace								
						2									
						3	Cinder Pocket								
						4	" " Cap								
						5	" " Clamp								
						6	" " Thumb Screw								
						7	" " Chute								
						8	" " " Bracket								
						9	" " Slide								
						10	" " " Guide								
						11	" " Wedge								
53-21	B					12	Cinder Deflector 752-A-410	1	Alco 742-S-65410	Plate-Furn & Apply Angle	✓				
						13									
						14	Cleaning Hole Frame								
						15	" " " Cap								
						16	" " " Handle								
						17									
						18									
53-20	B					19	Table Plate 752-A-411	1	Alco 742-S-903680	Plate-Furn. Welt Strip	✓				
						20	" "								
						21	" " Angle								
						22	" " Key Stud								
						23	" " " " Key								
53-31	B					24	" " Support - Front End 752-A-413	2	Alco 742-S-903317	1020 Bar	✓	752-A-413			
						25	" " "								
						26									
	B					27	Damper Plates - Stationary 754-A-106	1	Alco 744-S-903660	Plate	✓				
	B					28	" " - Adjustable 754-A-106	1	Alco 744-S-903660	Plate	✓				
						29	" "								
	B					30	" " Angle - Ft. of Table Pl. Bottom 754-A-106	1	Alco 744-S-903660	Steel Angle	✓	754-A-106			
	B					31	" " Support Angle 754-A-106	1-R 1-L	Alco 744-S-903660	Steel Angle	✓				
53-23	B					32	" " Key Stud 752-C-414	4	Alco 742-S-902075	1020 Bar	✓	752-C-414			
	B					33	" " " Keys 152-B-63	4	Alco 152-A-3001	Steel Ord. In P.D.					
						34									
53-60	B	✓				35	Smoke Box Ft. Lifting Lug 752-A-406	1	Alco 742-S-29460	Plate	✓				
53-6	B					36	Smoke Box Cover Plate 754-A-104	1	Alco 744-S-903670	Plate	✓				
53-8	B					37	" " " " Gasket 752-A-407	1	Alco 742-S-80440	Wire Inserted Asbestos Ord. In P.D. Ready to apply					
						38	" " " " Handle								
53-7	B					39	" " " " Clamps 752-A-401	36	Alco 742-S-900822						
53-9	B					40	" " " " Eye-Bolt 752-B-408	2	Alco 742-S-903423	Drop Forging Ord. In P.D.					
						41									
53-10	B					42	Smoke Box Door Latch 754-A-101	1	Alco 744-S-29450	1020 Bar	✓				
53-11	B					43	" " " " Guide 754-A-101	1	Alco 744-S-29450	1020 Bar	✓				
53-51	B					44	Smoke Box [redacted] Clamp Stud Boss 754-A-101	1	Alco 744-S-29450	1020 Bar	✓				
53-50	B					45	" " " [redacted] Wedge 754-A-101	11	Alco 744-S-29450	1020 Bar	✓				
53-57	B					46	" " " [redacted] " "-Z" 754-A-101	1	Alco 744-S-29450	1020 Bar	✓				
54-9	B					47	" " " Liner Thimble 754-A-101	8	Alco 744-S-29450	1020 Bar	✓				
54-13	B					48	[redacted] " " Center Suppt. 754-A-101	1	Alco 744-S-29450	1" Ex. Hy. Pipe	✓				
						49									
53-54	B					50	Smoke Box Front 754-A-101	1	Alco 744-S-29450	Plate	✓				
" "	B					51	" " " Door 754-A-101	1	Alco 744-S-29450	Plate	✓				
" "	B					52	" " " Liner 754-A-101	1	Alco 744-S-29450	Plate Weld to Front	✓				
53-58	B					53	" " " Hinges Bott. Butt 752-A-402	1	Alco 742-S-29430					L-74-S-1523	
53-59	B					54	" " " " Top Butt 752-B-402	1	Alco 742-S-29431					L-74-S-1522	
53-52	B					55	" " " [redacted] - Upper 752-B-403	1	Alco 742-S-29423					L-74-S-1525	
53-53	B					56	" " " " - Lower 752-C-403	1	Alco 742-S-29424					L-74-S-1526	
54-12	B					57	" " " Door Hinge Pins 752-A-403	2	Alco 742-S-29422	1020 Bar	✓				
54-5	B					58	" " " " Liner 754-A-101	1	Alco 744-S-29450	Plate Apply Rivets	✓				
54-4	B					59	" " " " Deflector 754-A-101	1	Alco 744-S-29450	Plate	✓				
54-3	B					60	" " " " Handle 754-A-101	1	Alco 744-S-29450	1020 Bar	✓	754-A-101			
53-56	B					61	" " " " Clamp 752-A-405	12	Alco 742-S-29440					L-74-S-1524	
54-6	B					62	" " " " Defl. Suppt. 754-A-101	1	Alco 742-S-29450	1020 Bar	✓	Weld to door liner			

(Welded Constr. (Furn. Complete) Rev. "Y" For Future

	APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE		No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
						GROUP 75—SMOKE BOX (Cont.)									
54-15	P	Last 10 Engs With F.W.Htrs.			1	Smoke Stack	754-B-99	1	Alco 754-S-15291				L-75-S-927		
	P	1st 10 Engs Without F.W. Htrs.			2	" " [illegible]	754-C-99	1	Alco 754-S-15292				L-75-S-927		
					3	" "									
54-16	P				4	" " Extension	754-B-99	1	Alco 754-S-15291				L-75-S-660		
					5	" " Top									
					6	" " Cone									
					7	" " Spark Whirl									
					8	" " Netting									
					9	" " Cleaning Hole									
					10	" " " " Cap									
					11										
					12										
					13	GROUP 76—SPRINGS									
					14	Springs									
54-28	P				15	Driving Spring (Over Boxes)	762-A-402 [illegible]	6	Alco 762-S-16970	Ord. In P.D.					
54-29	P				16	" " (Bet. Frames)	762-A-403 [illegible]	6	Alco 762-S-16960	" " "					
					17	" "	(Main)								
					18	" "	(Back)								
					19	" "									
					20	" "									
54-48	P				21	Driving Spring Clips	762-A-404	24 ~~12~~	Alco 762-S-93100	Furn. With Springs Ord. In P.D.		Rev. "X" For Future.			
					22	" " "									
					23										
54-32	P				24	Engine Truck Spring	762-A-405	2	Alco 762-S-41660	Double Coil Ord. In P.D.					
					25	" " "									
					26										
					27	Trailer Truck Spring	(Front)								
					28	" " " Clips	(")								
					29	Trailer Truck Spring	(Back)								
					30	" " " Clips	(")								
					31										
					32	Coupler Spring									
					33	Draft Spring									
					34	Buffer Spring									
					35	Centering Spring									
					36										
					37										
					38		As Built At Lima.								
55-1	P	Last 10 Locos. With F.W.Htrs.			39	GROUP 77—SPRING RIGGING Arrg't.	776-C-105	1-Set	Alco 776-S-10090 2						
55-2	P	1st. 10 Locos. Without F.W.Htrs.			40	Spring Rigging Arrangement	776-E-105	1-Set	Alco 776-S-10090 4						
55-4	P				41	Driving Box Saddle - Main	772-A-926	2	Alco 772-S-33760				L-77-S-3727		
55-5	P				42	" " " - #1 & #2	772-B-926	4	Alco 772-S-33761				L-77-S-3728		
					43	" " "									
					44	" " "	As Built At Lima								
55-18	P	1st. 10 Engs. Only Without F.W.H.	S		45	Equalizer Front	773-J-76	1	Alco 773-S-59577	Mild Steel	✓	773-J-76			
55-17	P	Last 10 Engs Only With F.W.H.	S		46	" [illegible]	773-F-76	1	Alco 773-S-59575	Mild Steel	✓	773-F-76			
55-11	P		S		47	" Side - Bet. 1st & 2nd. Drivers	773-C-76	2	Alco 773-S-59572	Mild Steel	✓	773-C-76			
55-12	P		S		48	" " - Bet. 2nd. & 3rd. Drivers	773-D-76	2	Alco 773-S-59573	Mild Steel	✓	773-D-76			
55-19	P		S		49	" Front Cross	773-E-76	2	Alco 773-S-59574	1020 Bar	✓	773-E-76			
	P	1st. 10 Engs. Only Without F.W.H.			50	" Fulcrum - Cylinder Back Cross	772-D-931	1	Alco 772-S-75033 ← As Built At Lima				L-77-S-3732		
55-14	P		S		51	" - Over #4 Boxes [illegible]	772-A-935	4	Alco 772-S-59540	Mild Steel	✓	772-A-935			
55-15	P		S		52	" - Over #5 Boxes - Outside [illegible]	772-A-936	1-R 1-L	Alco 772-S-59550	Mild Steel	✓	772-A-936			
55-16	P		S		53	" - Over #5 Boxes - Inside [illegible]	772-A-937	1-R 1-L	Alco 772-S-59560	Mild Steel	✓	772-A-937			
55-27	P				54	" Liner [illegible]	772-A-934	8	Alco 772-S-27480	Cut from Steel Tubing - NE:8630	✓				
56-34	P				55	" Bushings - Eq. Over Boxes	772-D-932	8	Alco 772-S-27493	Casehardened Steel	✓				
56-35	P				56	" " - " "	772-E-932	8	Alco 772-S-27494	Casehardened Steel	✓				
56-36	P				57	" " - Side Eq. Ends	772-F-932	8	Alco 772-S-27495	Casehardened Steel	✓				
5637	P				58	" " - Side Eq. Center	772-H-932	4	Alco 772-S-27496	Casehardened Steel	✓				
55-25	P	Last 10 Locos With F.W. Htrs.			59	Equalizer Fulcrum Cylinder	772-B-931	1	Alco 772-S-75030 1 ← As Built At Lima.				L-77-S-3732		
56-33	P				60	" " " Bushings	772-A-906	2	Alco. 772-S-26970	Casehardened Steel	✓				
56-13	P ✓		S		61	Equalizer Pins	772-H-939	1	Alco 27606 772-S-~~27556~~	Casehardened	✓	772-H-939			
56-16	P ✓				62	" " Keeper Bolt & Nut	772-J-939	1	Alco 27607 772-S-27557	Hex. Bar-1020 Furn Cotter	✓		(Apply Nut. Nut Ord. In P.D.)		

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE		No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 77—SPRING RIGGING (Cont.)									
						1	Equalizer Link									
						2	" "									
						3	" Safety Strap									
						4	" " "									
56-17	P					5	Spring Rigg. Flat Keys	152-D-63	20	Alco 152-A-3003	Steel Ord. In P.D.					
56-18	P					6	" " " "	152-F-63	1	Alco 152-A-3005	Steel Ord. In P.D.					
						7										
						8	Spring Gib									
						9	" "									
						10	" "									
						11	" Roller									
						12	" "									
						13										
55-33	P					14	Spring Hanger	772-A-924	2	Alco 772-S-400261	Rev "Z" For Future			L-77-S-3725		
55-35	P					15	" "	772-A-927	8	Alco 772-S-400410				L-77-S-3726		
55-37	P					16	" " Ft. of #1 Ped.	772-B-927	2	Alco 772-S-400411				L-77-S-3731		
55-39	P				S	17	" "	772-A-933	8	Alco 772-S-400420	Mild Steel	V	772-A-933			
55-41	P				S	18	" "	772-B-933	2	Alco 772-S-400421	Mild Steel	V	772-B-933			
55-43	P				S	19	" " - Ft. Transverse	772-A-938	1	Alco 772-S-400430	Mild Steel	V	772-A-938			
						20	" "									
						21	" "									
						22	" "									
						23	" "									
56-3	P					24	" " Wear Plate	772-A-940	2	Alco 772-S-84970	1020 Bar	V	Weld to Main Frame Per Spg. Rigging Arrgt. Dwg.			
56-4	P					25	" " " "	772-B-940	2	Alco 772-S-84971	1020 Bar	V	" " " " "			
						26	Spring Hanger Link									
						27	" " "									
						28	" " "									
						29	" " "									
						30	" " "									
56-38	P					31	Bushing - Ft. Trans. Eq. Hanger - Top Driv. Spg.	772-J-932	1	Alco 772-S-27497	Steel Casehardened	V				
56-32	P					32	" - Hanger - Lg. Hgr. Driv. Spg.	772-C-932	16	Alco 772-S-27492	Steel Casehardened	V				
56-30	P					33	" - Hanger - Short Hgr.	772-A-932	4	Alco 772-S-27490	Steel Casehardened	V				
						34	" " "									
						35										
						36										
55-29	P					37	Spring Hanger Seat	772-A-930	10	Alco 772-S-84960	Rev "X" For Future			L-77-S-3729		
55-30	P					38	" " "	772-B-930	2	Alco 772-S-84961				L-77-S-3730		
55-31	P				S	39	" " " Liner	772-C-930	2	Alco 772-S-84962	1020 Bar	V	772-C-930			
						40	" " "									
56-7	P	V			S	41	Spring Hanger Pins - Driv. Spg. Hanger	772-A-939	10	Alco 27600 772-S-27550	Steel Casehardened	V	772-A-939			
56-8	P	V			S	42	" " " - Eq. Over Driv. Boxes	772-B-939	4	Alco 27601 772-S-27551	Steel Casehardened	V	772-B-939			
56-9	P	V			S	43	" " " - Eq. Over Driv. Boxes	772-C-939	4	Alco 27602 772-S-27552	Steel Casehardened	V	772-C-939			
56-10	P	V			S	44	" " " - Ft. Trans. Eq. Ends	772-D-939	2	Alco 27603 772-S-27553	Steel Casehardened	V	772-D-939			
56-11	P	V			S	45	" " " - Side Eq. Center	772-E-939	4	Alco 27604 772-S-27554	Steel Casehardened	V	772-E-939			
56-12	P	V			S	46	" " " - Ft. Trans. Center	772-F-939	1	Alco 27605 772-S-27555	Steel Casehardened	V	772-F-939			
						47	" " "									
						48	" " "									
						49	" " "									
						50	" " "									
						51										
56-27	P					52	Bushings - Spg. Hanger	772-A-925	4	Alco 772-S-27435	Steel Casehardened	V	Rev "W" For Future.			
56-29	P					53	" - " "	772-C-925	8	Alco 772-S-27437	Steel Casehardened	V				
26-12	P					54	" - Frame Filling Equalizer	772-A-928	8	Alco 462-S-91564	Steel Casehardened	V				
26-13	P					55	" - Frame Filling Brk. Hanger	772-A-929	2	Alco 462-S-92090	Steel	V				
26-14	P					56	" - " "	772-B-929	16	Alco 462-S-92091	Steel	V				
56-29	P					57	" - Spg. Hanger	772-D-925	2	Alco 772-S-27439	Steel Casehardened	V				
26-27	P					58	" - Frame Filling Brk. Hanger	772-C-929	2	Alco 462-S-92092	Steel	V				
26-26	P					59	" - Main Frame	772-B-928	2	Alco 462-S-91523	Steel Casehardened	V				
56-39	P					60	" - Eng. Trk. Eq. Center	772-K-932	1	Alco 772-S-27498	Steel Casehardened	V				
56-31	P					61	" - Ft. Trans. Eq. Ends	772-B-932	4	Alco 772-S-27491	Steel Casehardened	V				
56-40	P					62	" - Ft. Trans Eq. Center	772-L-932	2	Alco 772-S-27499	Steel Casehardened	V				

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE		No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 78—STEAM GAUGE, SAF. VALVE and TURRET									
	P					1	Steam Gauge		1	Ashton Dwg. 618-C	With Lamp Attachment - Ord. In P.D.		Dial Marking to Ashton Dwg. 1153-D			
	P					2	Steam Heat Gauge		1	Vapor Car Ht. Co. Dwg. 47-B-76	Polish Markings On Dial Ord. In P.D.		Grad. Kg/Cm²			
	P					3	Stoker Gauge		1	Stoker Co. Dwg. DL-1636	With Lamp Ord. In P.D.		When Set up In ERECT SHOP (Lamp Housing to Be Slotted to illuminate F.W.H. & St. Ht. Gauge)			
						4	Booster Gauge									
	P					5	Air Gauge		1	W.A.B.Co. Dwg. D-66476-53	Quadruplex with Lamp - Ord. In P.D.		Polish Markings On Dials Grad. Kg/Cm²			
	P					6	St. Chest ~~Dash~~ Pressure Gauge		1	Ashton Dwg. 618-C	With Lamp Attachment - Ord. In P.D.		Dial Marked to Ashton Dwg. 1152-D			
	P		10 Engs. Only With F.W. Htrs.			7	F. W. Heater Gauge		1	Worthington Dwg. Sk.-103781	Furn. With F.W. Htr Equipt. Ord. In P.D.		- Grad. Kg/Cm²			
						8										
57-2	P					9	Steam Turret	787-A-26	1	Alco 797-S-301480	Furn. Cop. Wire Gasket			L-79-S-1530		
57-22	P		1st. 10 Locos Without F.W. Htrs.			10	" " Drilling	782-B-378	1-Set	Alco 792-S-301543						Steam Br. L-79-S-1533
57-5	P					11	" " Valve	783-A-125	1	Alco 793-S-301490						
57-7	P					12	" " ~~Nut~~ Lock Nut	783-A-125	1	Alco 793-S-301490	C.R. Brass Hex. Stick	✓				
57-10	P					13	" " Stem	783-A-125	1	Alco 793-S-301490	1020 Bar	✓				
	P					14	" " ~~Nut~~ Packing Bonnet		1-Set	3/16" Sq. - J.M. Style "C" Ord. In P.D.						
57-9	P					15	" " ~~Yoke~~	783-A-125	1	Alco 793-S-301490						Steam Br. L-79-S-1532
57-6	P					16	" " " Gland	783-A-125	1	Alco 793-S-301490	C.R. Brass Stick	✓				
57-8	P					17	" " " " Nut	783-A-125	1	Alco 793-S-301490						Steam Br. L-79-S-881
57-11	P					18	" " Handle		1	Nathan Dwg. M-1036	8" Bar Type Ord. In P.D.			See 262-A-530 For Alco Dwg.		
57-3	P					19	" " Joint Ring	782-A-375	1	Alco 792-S-301500						Steam Br. L-79-S-1534
						20	" " Valve Gland									
57-4	P					21	" " Valve Guide	787-A-26	1	Alco 797-S-301480						Steam Br. L-79-S-1531
57-19	P		Last 10 Locos. With F.W. Htrs.			22	" " Drilling	782-A-378	1-Set	Alco 792-S-301540						
57-34	P		1st. 10 Locos. Without F.W. Htrs.			23	Steam Turret ~~Dash~~ Location of Valves	783-B-126	1-Set	Alco 793-S-301553						
57-31	P		Last 10 Locos. With F.W. Htrs.			24	" " " " "	783-A-126	1-Set	Alco 793-S-301550						
						25	" " "									
						26										
57-23	P					27	Steam Turret Dry Pipe in Dome	785-A-4	1-Set	Alco 795-S-301530	4" Ex. Hy. Steel Pipe	✓				
57-25	P			6	S	28	" " " " " " Support	782-A-376	1	Alco 792-S-301520	Plate	✓	782-A-376			
						29	" " " " " " "									
57-26	P					30	" " " " " " Plate	782-B-376	1	Alco 792-S-301521	Plate	✓				
57-28	P					31	" " " " " " ~~Dash~~ Studs	152-A-139	2	Alco 151-S-20080	1020 Bar	✓				
57-27	P				S	32	" " " " Support	782-C-376	1	Alco 792-S-301522	Bar 1020	✓	782-C-376			
						33	" " " " " Clamp									
	P					34	" " " " Elbow	"Tube-Turn"	1	4" - 90° Ell. Short Rad. Part #4, Ex. Hy.	Ord. In P.D.					
						35										
						36										
						37										
						38	Steam Turret Casing									
						39	" " " Angle									
						40	" " " "									
						41	" " " Supports									
						42	" " " "									
						43	" " " Support Bracket									
						44	" " " " "									
						45	" " " Hinges									
						46	" " " Hasps									
						47										
						48										
57-35	P					49	Safety Valve	4" Open	1	Coale Dwg. 539-D.	Set at 230# Ord. In P.D.					
" "	P					50	" "	4" Muffled	1	Coale Dwg. 539-D.	Set at 227# Ord. In P.D.					
						51	" "									
57-36	P					52	" " Extension	782-A-374	2	Alco 792-S-5821	Drop Forging Ord. In P.D.	✓	(Limo to Mach.)			Steam Br. L-79-A-15
						53	" " Turret									
						54	" " " Bushing									
57-40	P			6		55	" " " Casing Cover	782-A-377	1	Alco 792-S-63200	Jacket Iron	✓				
57-40	P					56	" " " " Ring	782-A-377	1	Alco 792-S-63200	Welded Constr. Plate	✓				
						57	" " " " "									
						58	" " " " "									
						59										
						60										
						61										
						62										

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE		No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 79—STEAM PIPES									
58-4	P	18 Engs. Only				1	Steam Pipe	793-A-172 R & L.	1-R 1-L	Alco 803-S-103850					L-80-S-3541	
58-5	P	1st. And 11th Engs. Only				2	" "	793-B-172 R & L.	1-R 1-L	Alco 803-S-103851					L-80-S-3541	
						3	" "									
						4	" "									
58-14	P					5	" " Joint Ring	792-A-232	2	Alco 802-S-30005	Bet. Header & St. Pipes			L-80-S-1123		
58-16	P					6	" " " "	792-B-232	2	Alco 802-S-30009	Bet. St. Pipes & Cyls.			L-80-S-1123		
58-15	P					7	" " " "	792-C-232	1	Alco 802-S-30043	Bet. Header & Dry Pipe			L-80-S-904		
						8	" " " "									
						9	" " Tee Head									
						10										
						11										
						12										
						13										
58-9	P					14	Steam Pipe Casing	794-A-37	1-Set-R 1-Set-L	Alco 804-S-103870	Plate, Bars & Angles	✓		(Furnish Casings Complete)		
						15	" " "									
58-10	P	✓				16	" " " Clamp	572-B-245	16 8	Alco 571-S-4073						L-57-S-51
58-11	P					17	" " " " Studs	572-A-295	8	Alco 571-S-42540	1020 Bar Furn. Nuts	✓				
58-12	P					18	" " " [illegible]" Application	572-A-295	1-Set	Alco 571-S-42540						
						19										
						20										
						21	Steam Pipe Supports									
						22	" " "									
						23	" " Strap									
						24	" " " U-Bolt									
						25	" " Slip Joint Casing									
						26	" " " " " Sleeve									
						27	" " " " Packing Rings									
						28										
						29	Steam Pipe Casing Spud Fitting									
						30	" " " " "									
						31										
						32										
						33										
						34										
						35										
						36										
						37	GROUP 80—STOKER									
28-33	P					38	Stoker Arrangement	Std. Stoker Co.	1-Set	Dwg. No AA-4027-C	Ord. In P.D.					
						39	Stoker									
	P					40	" Support	(Front)		See Grate Lever Fulcrum Page 39						
						41	" " Shoe	(")								
						42	" " Shims	(")								
						43	" " "	(")								
						44	" Support	(Back)								
						45	" " Shoe	(")								
						46	" " Shims	(")								
						47	" " "	(")								
28-37	P					48	" Elevator Pipe Support	802-A-142	1-R 1-L	Alco 522-S-808850	Steel Angle	✓	For Future Use	Lima 802-A-143 Alco 522-S-808860		
						49										
						50										
						51	Stoker Jet Manifold									
						52	" " " Support									
						53	" " " Shield									
						54										
						55										
						56										
						57										
						58										
						59										
						60										
						61										
						62										

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE		No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 81—SUPERHEATER									
	P					1	Superheater Arrangement			See Smoke Box Arrangement			Page 75			
	P					2	" Header	Type "A" HMV 5x9	1	Suphtr. Co. 5L-17191	Elescolay Iron Ord. In P.D.-Drilled.					
						3	" " Drilling									
						4	" " Support									
58-22	P					5	" " "	812-A-247	1-R 1-L	Alco 802-S-62840	Plate	✓	812-A-247			
58-23	P					6	" " " Studs	812-A-247	4	Alco 802-S-62840	1020 Bar	✓				
58-20	P					7	" " " " Washers	812-A-247	4	Alco 802-S-62840	1020 Bar	✓				
58-26	P					8	" " Shield- Botton Angle	812-A-245	1	Alco 802-S-703510	Steel Angle Furn. & Apply Steel Washers	✓				
58-26	P					9	" " " - Top Angles	812-A-245	1-R 1-L	Alco 802-S-703510	Steel Angle	✓				
						10	Superheater Pipe Support									
						11	" " "									
						12	" " "									
						13	" " "									
						14	" " " Bracket									
						15	" " " "									
						16	" " " "									
						17	" " " "									
						18	" " " Clamps									
						19	" " " "									
						20	" " " "									
58-42	P					21	Superheater Unit Shield	812-A-244	1	Alco 802-S-703500	Plate	✓	(Furn. Complete with End Plates)			
						22	" " " Plate									
						23	" " " "									
	P					24	" " " " Keys	152-B-63	4	Alco 152-A-3001	Steel Split Key Ord. In P.D.					
58-43	P					25	" " " " Key Studs	812-A-244	4	Alco 802-S-703500	1020 Bar.-Furn. Nuts & Washers	✓	812-A-244			
						26										
	P					27	Superheater Arrg't.		1-Set	Suphtr. Co's. 4L-42528	Type "A" 45 Unit	(Suphtr. Spec.# LO-139929)	(Indexed for record only)			
	P					28	" Units		1-Set	Suphtr. Co's. 3L-17184	Ord. In P.D.		(" " " ")			
						29										
						30										
						31										
						32										
						33	GROUP 83—TANK ENGINE									
						34	Tank									
						35	" Material Bill									
						36	" Angle Iron									
						37	" Lifter									
						38	" Block									
						39	" "									
						40	" Wedge									
						41	" Bearer									
						42	" "									
						43	Tank Funnel									
						44	" " Screen									
						45	" " Lid									
						46	" " Hinge									
						47	" " Handle									
						48	Tank Hand Hole									
						49	" " " Dog									
						50										
						51										
						52										
						53	Tank Equalizing Pipe									
						54	" " " Flange									
						55										
						56	Tank Coal Bunk									
						57	" " " Angle									
						58	" " Gate									
						59	" " " Latch									
						60	" " " " Handle									
						61	" " Rack									
						62										

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE		NO. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 91—THROTTLE AND DRY PIPE									
						1	Throttle Valve Arrangement									
						2	" "									
						3	" " Stem									
						4	" " " Casing									
						5	" " " Lever									
						6	" " " " Rod									
						7	" " " " " Jaw									
						8	" " " " Pins									
						9	" " Crank									
66-25	B					10	" " " Shaft Arm	912-A-952	1	Alco 912-S-19972	Applr Bushing.				L-91-S-2549.	
66-26.	B ✓					11	" ~~Shaft~~ " " " Bush.	912-B-~~981~~ -C-982	1	Alco 207912 912-S-~~206778~~	Steel Casehardened	✓				
						12	" Arm									
						13	Throttle Pipe									
						14	" " Ring									
						15	" " Yoke									
66-3	B					16	Throttle Pipe Elbow	912-A-951	1	Alco 912-S-50311	Apply Lid Bolts			L-91-S-2245.		
66-19	B					17	" " " Arrgt.	912-A-980	1-Set	Alco 912-S-50370						
66-5	B					18	" " " Collar Studs	912-B-954	2	Alco 912-S-5846	Bar Steel. Furn. Spacers & Washers	✓	(S.A.E.-1035)			
66-4	B ✓					19	" " " Support	912-B-981	1-R 1-L	Alco 911-S-70980	Angle Bar Steel	✓	912-B-981			
66-14	B ✓					20	" " " Supports Studs	152-B-137	4-6	Alco 151-S-2931		✓				
						21	" " " Angles									
52-44	B					22	Throttle Air Joint	913-A-271	1-Set	Alco 743-S-8790						
52-42	B					23	Throttle Stuffing Box Air Joint	912-A-962	1	Alco 742-S-80430				L-74-S-1521.		
52-51	B					24	" " " Gland	912-A-960	1	Alco 742-S-80080				L-74-S-1472.		
52-52	B					25	" " " " Ring	912-B-960	1	Alco 742-S-80081					L-74-S-1471.	
52-53	B					26	" " " " Ring	912-C-960	1	Alco 742-S-80082					L-74-S-1402.	
52-50	B					27	" " " " Packing	912-A-959	1-Set	Alco 742-S-8720	Ord. Dwg. Pack. Ord. In P.D.					
66-41	B					28	Throttle Rod Arrgt.	917-A-27	1-Set	Alco 917-S-207890			Rev. "X" For Future.			
66-55	B					29	" " Adjustment	913-A-270	1-Set	Alco 913-S-205780						
66-42 ✓	B					30	Throttle Rod 912-A-974 (Front Section)		1	Alco 912-S-204814	1" Ex. Hy. Pipe Apply Rivets	✓				
	B					31	" " End-Bk. Ft. 912-A-974 (" ")		1-Bk. 1-Ft.	Alco 912-S-204814	1020 Bars Weld Into Rod	✓				
						32	" " " (" ")									
66-42 ✓	B					33	Throttle Rod 912-A-974 (Rear Section)		1	Alco 912-S-204814	1" Ex. Hy. Pipe Apply Rivets	✓				
	B					34	" " End-Ft. Bk. 912-A-974 (" ")		1-Ft. 1-Bk.	Alco 912-S-204814	1020 Bars Weld Into Rod	✓				
66-43	B ✓					35	" " "X-Hd. 912-A-975 (" ")		1	Alco 912-S-204822	C.R. Steel Bar	✓	~~Furnish Steel Casehardened Bushing Mat'l Ord. In P.D.~~ ✓ See Item 54			
66-45	B					36	Throttle Rod Jaw	912-C-933	1	Alco 912-S-206772	Bar Steel	✓				
66-46	B					37	" " "	912-D-933	2	Alco 912-S-206773	Bar Steel	✓				
						38	" " "									
						39	Throttle Rod Crosshead									
67-24	B ✓					40	" " Jaw Pins Comp. Lever	912-E-967	2-3	Alco 912-S-207874	1020 Bar Casehardened	✓				
67-25	B					41	" " " " At Arm Ft.	912-H-967	1	Alco 912-S-207876	1020 Bar Casehardened	✓				
66-54	B					42	Throttle Rod Support Arrgt	913-A-272	1-Set	Alco 913-S-205690						
67-2	B					43	" " " -Ft.	912-A-976	1	Alco 912-S-206986	1020 Bar & Plate	✓		(Furn. Complete)		
67-4	B					44	" " " -Bk.	912-A-978	1	Alco 912-S-207293	1020 Bars	✓		(Furn. Complete)		
67-3	B					45	" " Adjusting Bar.-Ft.	912-B-977	1	Alco 912-S-207048	C.R. Steel Bar	✓	912-B-977			
67-5	B					46	" " " [redacted] " -Bk.	912-A-977	1	Alco 912-S-207047	C.R. Steel Bar	✓	912-A-977			
67-6	B					47	" " "Guide"	912-A-973	2	Alco 912-S-204022	1020 Bar	✓				
						48	" " " "									
						49	" " " "									
						50	" " " Brackets									
						51	" " " "									
						52	" " " "									
						53	" " " "									
66-44	B ✓					54	" " Bushing- At Throt. Rod X-Hd.	912-~~E-957~~ D-982	1	Alco 207913 912-S-~~206774~~	Steel Casehardened	✓				
						55										
						56										
53-3	B					57	Throttle Washout Cover	912-A-941	2	Alco 742-S-5600					L-74-S-1350.	
53-3	B					58	" " Bushing	912-A-941	2	Alco 742-S-5600	Plate	✓	(Furn. Cop. Wire Gasket)			
53-4	B					59	" " S-Hook	912-C-941	2	Alco 742-S-5602	Steel	✓	912-C-941			
53-5	B					60	" " S-Hook	912-D-941	2	Alco 742-S-5603	Steel	✓	912-D-941			
53-11	B					61	" " Chain Eye-bolt	912-C-983	2	Alco 742-S-5692	Steel	✓	912-C-983			
53-12	B					62	" " " Assembly	912-A-983	2-Set	Alco 742-S-5690	Ord. In P.D.					

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE		No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MATL ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 91—THROTTLE (Cont.)									
66-47	P					1	Throttle Rod Compensating Lever	912-A-979	1	Alco 912-S-207880	1020 Steel	✓	912-A-979			
						2	" " " "									
66-49	P					3	" " " " Bushing	912-A-~~957~~ 982	2	Alco 207910 912-S-~~206727~~	Steel Casehardened	✓				
66-50	P					4	" " " " "	912-~~A-957~~ -B-982	1	Alco 207911 912-S-~~206727~~	Steel Casehardened	✓				
						5	" " " " Pin									
66-48 51	P					6	" " " " Fulcrum	912-B-979	1	Alco 912-S-207881	1020 Bar-Wearing Surface Casehardened	✓		(Apply Nut & Washer Ord. In P.D.)		
						7	" " " " " Bushing									
66-52	P					8	" " " " " Base Plate	912-B-925	1	Alco 912-S-207453	Flame Cut Plate	✓				
						9	" " " " " Cap									
						10										
						11										
67-29	P					12	Throttle Lever Arrangement	913-C-263	1-Set	Alco 913-S-207413						
67-30	P					13	" "	912-A-964	1	Alco 911-S-207860	Flame Cut Plate	✓				
67-44	P					14	" " Handle-Latch	912-A-965	1	Alco 912-S-202381					L-91-S-2459	L-91-S-2651
67-32	P					15	" " " [illegible]	913-C-263	1	Alco 913-S-207413	1020 Bar	✓				
69-46	P					16	" " " [illegible] Pin	912-D-967	1	Alco 912-S-207873	1020 Bar Casehardened	✓				
67-33	P				(B)	17	" " Latch	912-B-791	1	Alco 912-S-205442	Cold Rolled Bar	✓	(Casehardened)			
54-44	P					18	" " " Spring	762-C-409	1	Alco 762-S-93112	Steel Coil Ord. In P.D.					
67-34	P					19	" " " Guide	912-E-770	1	Alco 912-S-206461	C.R.S. Bar	✓				
67-27	P					20	" " " " Bolt	912-F-967	1	Alco 912-S-207875	1020 Bar	✓	912-F-967			
67-35	P					21	" " " " Link	912-A-966	1	Alco 912-S-29761	C.R. Steel	✓				
67-48	P					22	" " " " " Pin	912-C-967	2	Alco 912-S-207872	1020 Bar Casehardened	✓				
						23	" " Stud									
						24	" " Stop									
67-39	P				(B) S	25	" " Quadrant	912-B-924	1	Alco 912-S-207401	1020 Bar Casehardened	✓	912-B-924			
67-36	P					26	" " Support	913-C-262	1	Alco 913-S-205499				L-91-S-2458		
						27	" " Bolt (Link to Lever Bolt)									
67-43	P					28	" " Fulcrum Brkt.	912-B-961	1	Alco 912-S-207831					L-91-S-2659	
67-51	P					29	" " " Pin	912-A-967	1	Alco 912-S-207870	1020 Hex. Casehardened	✓				
	P					30	" " Marker Plate	912-A-992	1		C.R.S. Bar	✓	(For Future Use Lima, 912-A-993 Alco 912-S-208160)			
						31	" " Stop Pin									
67-52-28 -53	P					32	" " Link Pins	912-B-967	2	Alco 912-S-207871	1020-Casehardened Furn. Washers-Steel	✓	1020	(Nuts Ordered In P.D.-Apply Cotters)		
67-41	P			S		33	" " Link	912-C-931	2	Alco 911-S-207424	Bar Steel	✓	912-C-931			
						34	" " Safety Chain Ring									
						35	" " " " Hook [illegible]	912-A-994	1	Alco 912-S-206753	Steel Bar	✓				
	P					36	" " " " Pin & Chain	912-A-875	1-Set		Pin-C.R. Steel Chain Ord In PD	✓				
						37	" " " " Arr'g't									
67-37	P					38	" " Support Bushings	912-~~D-957~~ -E-982	2	Alco 207914 912-S-~~206727~~	Steel Casehardened	✓				
67-31	P					39	" " Bushings	912-A-~~957~~ 982	2	Alco 207910 912-S-~~206727~~	Steel Casehardened	✓				
66-2	P					40	Dry Pipe	912-A-950	1	Alco 912-S-42001	Steel Pipe. Ends Shrunk On & Welded.	✓				
						41	" " Elbow									
66-15	P					42	" " Sleeve	912-A-955 (Front)	1	Alco 912-S-61462					L-91-S-2657	
66-16	P					43	" " "	912-B-955 (Back)	1	Alco 912-S-61463					L-91-S-2658	
						44	" " " Collar									
						45	" " " "									
	P			S		46	" " Support	912-D-799	1	ALCO 912-S-7683	——	✓	ALCO 912-S-7683	——	——	——
						47	" " "		—							
	P			S		48	" " " Clamp	912-D-799	1	ALCO 912-S-7683	——	✓	ALCO 912-S-7683	——	——	——
						49	" " " "		—							
66-11	P					50	" " Joint Ring	792-A-228	1	Alco 917-S-17554				L-91-S-1378		
66-38	P					51	" " Clamp Ring-Outer	912-A-948	1	Alco 912-S-18131					L-91-S-1950	
66-37	P					52	" " Clamp Ring-Inner	912-B-948	1	Alco 912-S-18135	(2-Halves)			L-91-S-1923		
66-34	P			S		53	" " " " Bolts	912-C-953	3	Alco 912-S-19539	Furn. Nuts & Washers	✓	912-C-953	(SAE-1035)		
66-36	P					54	" " " " " Washers	912-B-953	3	Alco 912-S-19531	Bar Steel	✓				
66-35	P					55	" " " Assembly	912-B-894	1-Set	Alco 912-S-17941						
						56	" " [illegible]									
66-40	P					57	" " " Key	152-C-63	3	Alco 152-A-3002	Steel Ord. In P.D.					
	P					58	" " Test Plate Application		1-Set	See Throttle	Pipe Elbow	Page 82-	Item 16			
						59										
	Q					60	Throttle Header Assembly		1-Set	American Throttle Co. 4L-17190	(American Throttle Co's. Spec. 50-139930)		(Indexed For Record Only)			
67-56	Q					61	" Stuffing Box Arr'g't.		1-Set	American Throttle Co's. 3L-17192			(" " ")			
						62										

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 92—Tools								
						1	Tool Equipment								
68-12	f					2	" " List	1 Set	922-A-437 Alco 931-S-802140						
						3	Broom								
68-20	P					4	Coal Pick	1	922-A-358 Alco 932-A-2010	Drop Forged Hd. Ord. In P.D. Wood Handle Ord. In P.D.					
						5	Coal Scoop								
						6	Crosshead Block								
						7	Chisel—Cope								
						8	" —Flat								
						9	Clinker Hook								
68-21	P				S	10	~~Fire Rake~~ Poker	1	922-F-356 Alco 932-S-2859	Bar Steel	✓	922-F-356			
68-24	P				S	11	Slash Bar	1	922-E-356 Alco 932-S-2858	Bar Steel	✓	922-E-356			
						12	Grease Gun—Soft Grease								
						13	" " —Hard Grease								
						14	Flag—Green								
						15	" —Red								
						16	" —White								
						17	" —(Metal)								
						18	Hard Hammer (Machinists)								
						19	Soft Hammer (Copper)								
68-35	P				S	20	Stoker Jet Cleaning Hook	1	922-A-429 Alco 932-S-2791	Bar Steel	✓	922-A-429			
						21	Lantern Hand (White)								
						22	" " (Red)								
						23	Main Pin Blocks								
						24	" " " Bolts								
						25	Sand Scoop								
						26	Oil Can—Long Spout Oiler								
						27	" " —Engine Oil								
						28	" " —Valve Oil								
						29	" " —Signal Oil								
						30	" " —Kerosene Oil								
						31									
						32	Packing Hook								
						33	Packing Spoon								
68-30	P					34	Pinch Bar	1	922-A-367 Alco 932-S-50200	Ord. In P.D.					
						35	Jack Screws								
						36	Tallow Pot								
68-40	P					37	Torch	2	922-A-428 Alco 932-S-30810	Ord. In P.D.					
						38	Torpedoes								
						39	Valve Stem Block								
						40	Waste								
						41	Wrecking Chain								
						42	Wrench—Alligator								
						43	" —Monkey								
						44	Wrecking Frog								
68-42	P					45	Wrench - Crank Pin Socket	1	922-A-409 Alco 932-S-40605	1020 Bar	✓	922-A-409			
68-43	P					46	Wrench - Crank Pin	1	922-A-350 Alco 932-S-40261	Plate	✓				
68-45	P					47	Wrench - X-Hd. Wrist Pin	1	922-E-350 Alco 932-S-40264	Plate	✓				
68-46	P					48	Wrench - Knuckle Pin	1	922-B-350 Alco 932-S-40262	Plate	✓				
68-47	P					49	Wrench — " "	1	922-D-350 Alco 932-S-40266	Plate	✓				
68-25 to 29-31	P					50	Set of Wrenches "Williams"	1 Set	3/8" to 1 1/2"	Ord. In P.D.		(6 Wrenches Williams Nos. 13, 14, 30, 37, 41 & 45)			
						51	Flag Case								
						52	" " Handle								
						53	" " Lid								
						54	" " Hasp								
						55	" " Hinge								
						56									
						57	Engineers Tool Box								
						58	" " " Hinge								
						59	" " " Hasp								
						60									
						61	Driving Box Cellar Puller								
						62	" " " " Clamp								

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 94—VALVES DISTRIBUTION								
69-4	P					1	Piston Valve Complete (Fit Up R.&L.)	943-B-108	1-R Alco 1-L 943-S-12651	Weld Body & Furn. Cotters					
						2	" "								
	P					3	" " Follower (Mach.)	943-B-108	2-Ft. Alco 2-Bk. 943-S-12651						
	P					4	" " Bull Ring	943-B-108	4 Alco 943-S-12651	Cstg. Ord. In P.D.			H.S. Gun Iron L-94-S-1543		
	P					5	" " Snap Ring	943-B-108	8 Alco 943-S-12651	Mach. From Tubs Ord. In P.D.	✓		H.S. Gun Iron L-94-S-68		(1-Tub Makes 12 Rings)
	P					6	" " Ends	943-B-108	4 Alco 943-S-12651					L-94-S-1798	
	P					7	" " Body - Outside	943-B-108	2 Alco 943-S-12651	7" O.D. Steel Tube	✓				
	P					8	" " " - Inside	943-B-108	2 Alco 943-S-12651	5½" O.D. Steel Tube	✓				
	P					9	" " Ring Lock Pins	943-B-108	4 Alco 943-S-12651	C.R. Steel	✓				
69-8	P					10	" " Follower - Path. Dwg.	942-B-316	4 Alco 942-S-12137					Elec. C.S. L-94-S-1663	
						11									
						12									
						13	Slide Valve								
						14	" " Plate								
						15	" " Packing Strips								
						16	" " " "								
						17	" " " Spring								
						18	" " " "								
						19									
						20									
						21	Valve Rod								
						22	" " Key								
						23	" " Knuckle								
						24	" " Pin								
						25	" " Bushings								
						26									
						27									
69-11	P			S		28	Valve Stem Crosshead	942-A-318	2 Alco 942-S-66170	Mild Steel	✓	942-A-318	(Furn. Dowels For Bushing)		
69-12	P					29	" " " Bushings	942-A-278	4 Alco 942-S-51677						A.A.R. Phos. Bronze L-58-S-1929
						30	" " " "								
						31									
						32									
69-20	P			S		33	Valve Stem	942-A-317	2 Alco 942-S-31722	Med. Car. Steel	✓	942-A-317	(Furn. Dowels & Key)		
						34	" " Bushings								
69-20	P	✓				35	" " Nuts - Bk.		2 1½"-10 Thds. Ord. In P.D.	Whitworth Thds. Ready to Apply					
69-24	P					36	" " " Lock - Ft.	942-B-319	2 Alco 942-S-9603	Plate	✓				
69-25	P					37	" " " Lock - Bk.	942-A-319	2 Alco 942-S-9601	Plate	✓				
	P					38	" " " - Bk. Int.	942-A-317	2 Alco 942-S-31722	1¾"-10 Thds: Whitworth ¾ Steel - Plain	- Make From Blank Stock Nuts				
	P					39	" " " - Ft. End	942-A-317	2 Alco 942-S-31722	2"-10 Thds.-Whitworth Steel - Slotted	- Make From Blank Stock Nuts				
						40	" Yoke								
	P					41	Valve Stem & X-Hd. Marking	994-A-25	1-Set Alco 994-S-53190						
						42									
						43									
						44									
56-52	P					45	Valve Stem Packing		2-Rod Sets	Paxton-Mitchell Dwg. M-4689	For Suphit. Steam Ord. In P.D.				
						46	" " " Gland								
						47	" " " Babbit Ring								
						48	" " " " "								
						49	" " " Split Ring								
						50	" " " Spring								
						51	" " " " Case								
						52	" " " Swab Cup								
						53	" " " " " Bracket								
56-51	P					54	" " " Ord. Dwg.	942-A-315	1-Set ALCO 782-S-70314	Do Not Schedule					
						55									
						56									
						57									
						58									
						59									
						60									
						61									
						62									

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	NO. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
							GROUP 95—Wheels								
69-39	P					1	Driving Wheel Center - Ft. 953-C-338 No. 1	2	Alco 953-S-204634					L-95-S-1977	
69-40	P					2	" " " - Ft. Int. 953-D-338 No. 2	2	Alco 953-S-204635					L-95-S-1977-A	
69-41	P					3	" " " (Mach. R & L.) 953-A-337 No. 3-M.	1-R 1-L	Alco 953-S-204620					L-95-S-1976	
69-40	P					4	" " " Bk. Int. 953-D-338 No. 4	2	Alco 953-S-204635					L-95-S-1977-A	
69-39	P					5	" " " Bk. 953-C-338 No. 5	2	Alco 953-S-204634					L-95-S-1977	
	P					6	" " Ctbl. Pocket ~~Hub Liner~~ Covers	52	3 3/16" Dia. x 3/4" Thk.	Bar Steel	V	Weld into Wheel Centers			
						7	" " " "								
						8	" " " "								
	P					9	Driving Tire - M.O. - Main 95-MO-207	2		Ord. In P.D. Rough Bored					
	P					10	" " - M.O. - Others 95-MO-205	8		Ord. In P.D. Rough Bored					
69-47	P ✓					11	Driving Wheel Tire - Main 952-A-326 Flanged	2	Alco 952-S-54720			(Tire Turned After Mounting)			
69-46	P ✓					12	" " " - Others 952-B-325 ~~Plain~~ Flanged	8	Alco 952-S-54711			(Tire Turned After Mounting)			
69-56	P					13	" " " Retaining Ring 952-B-324	10 ✓	Alco 952-S-54731	Ord. In P.D.					
						14	" " " " "								
						15									
						16	Wheel Mounting Chart								
	P					17	Wheel Pressed on Axle (Tons)		See Page 88, Item 36						
						18	Wheel Marking								
						19	Driving Wheel C.B. Plate								
						20	" " " " Rivets								
						21									
						22									
						23	Trailer Wheel Center								
						24	" " "								
						25	" " Hub Liner								
						26	" " Tire								
						27	" " Retaining Ring								
						28	Wheel Pressed on Axle (Tons)								
						29									
						30									
						31	Trailer Wheel Front								
						32	" " Hub Liner "								
						33	Wheel Pressed on Axle (Tons)								
						34	Trailer Wheel Back								
						35	" " Hub Liner "								
						36									
						37	Wheel Pressed on Axle (Tons)								
						38									
70-7	P					39	Eng. Truck Wheel - Tire Retaining Ring 952-A-324	2	Alco 952-S-54730	Ord. In P.D.					
70-2	P					40	Engine Truck Wheel 953-B-335	2	Alco 953-S-43091					L-95-S-1974	
70-6	P ✓					41	" " " Tire 952-A-325	2	Alco 952-S-54710						
	P					42	" " " ~~Hub Liner~~ " M.O. 95-MO-204	2		Ord. In P.D. Rough Bored					
						43	Wheel Pressed on Axle (Tons)								
						44									
						45									
						46	Wrot Steel Wheel Marking								
						47									
						48									
						49									
						50									
						51									
						52									
						53									
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						60									
						61									
						62									

	APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	NO. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MATL ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
						GROUP 96—WHISTLE								
70-25	f ✓				1	Whistle ("Nathan")	1	Dwg. No. 4893-B Line #2	6" Plain Bell Ord. In P.O.					
					2	" Bowl								
					3	" " Body								
					4	" Bell								
					5	" Valve								
					6	" Gland								
					7	" Nut								
					8	" Sleeve								
					9	" Monkey Tail								
70-35	f				10	" Lever		Alco 27011 962-B-309	~~Furn. with whistle~~ ~~Ord. in P.O.~~ ✓		962-B-309		(Lima to Make 1020 Steel)	
70-56	f				11	" ~~Operating~~ Lever Pin	1	962-A-311	Alco 962-5-4000 1020 Bar Casehardened	✓				
					12	" Lever Fulcrum								
					13	" " Shaft								
					14	" " " Bearing								
					15	" " " "								
					16	" Arm								
1					17	" Shaft								
					18	" " Bearing								
					19	" Rod								
					20	" "								
					21	" " Jaws								
					22	" " "								
					23	" " " Pins								
					24	" " " "								
					25	" Rope								
					26	" " Handle								
					27	" Chain								
					28	" " Handle								
					29	" " Eye Bolt								
					30	" Rod Thimble Sleeve								
					31	" " " Nut								
					32	" Eye Bolt								
					33	" " "								
					34	" Sheave								
					35	" " Box								
70-33	f				36	" Elbow	1	962-A-310	Alco 962-5-30900					Steam Br. L-96-5-1197.
					37	" " Joint Ring								
					38	" Extension								
					39	" Bowl Joint Ring								
					40	" Rod Guide								
					41	" " "								
					42	" " Support								
					43	" " "								
					44	" Shield								
					45	" " Brackets								
					46	" " Bracket Brace								
					47	" " Support								
					48	Tyfon Whistle								
P					49	Whistle Valve Operator	(Air Operated)	1-Set	Viloco Dwg. 1044	Ord. In P.O.				
P					50	" " ~~Rings~~	(" ")	1	Viloco Dwg. 1045	Ord. In P.O.				
P					51	" " Oper. ~~Valve~~ Cyl.	(" ")	1	Viloco Dwg. 979-D	Ord. In P.O.				
P					52	" " Oil ~~Cup~~ Cup	(" ")	1	Viloco Dwg. 1020	Ord. In P.O.				
					53	" " " Jam Nut	(" ")							
					54	" " Cyl. Adj. Arm	(" ")							
					55	" " " " " Pin	(" ")							
					56	" " " Bracket	(" ")							
P					57	Whistle Oper. Valve Brkt.		1	To Suit In Erect. Shop - Bar Steel $\frac{1}{4}$" x $1\frac{1}{2}$" Length to Suit					
					58									
					59									
					60									
					61									
					62									

	APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE		NO. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
						GROUP 96—Whistle (Continued)									
					1	Whistle Operating Air Control Valve Body	(Air Oper.)								
					2	" " " " " Plunger	(")								
					3	" " " " " Handle	(")								
					4	" " " " " " Pin	(")								
					5	" " " " " " Fulcrum	(")								
					6	" " " " " Plunger Guide	(")								
					7	" " " " " Plug Base	(")								
					8	" " " " " Support	(")								
					9	" " " " " Spring	(")								
					10	" " " " " Ball	(")								
					11										
					12										
					13										
					14										
					15										
					16										
					17	**GROUP 97—Preliminary Designs and Propositions**									
					18										
					19										
					20										
					21										
					22										
					23										
					24										
					25	**GROUP 98—Clearance and Wheel Base Diagrams**									
71-42	P				26	Clearance Diagram	984-A-76	1-Set	Alco 994-S-974390	R.R. Cos. Diagram #KA-1					
71-2	P✓				27	Clearance & Wheel Base Diagram	982-~~A~~ B -114	1-Set	Alco 991-S-~~206140~~ 206141	For Shipping & Routing					
					28	Clearance & Wheel Base Diagram	983-A-29	1-Set		For Lima Use Only					
					29										
					30										
					31										
					32										
					33	**GROUP 99—Miscellaneous**									
					34										
	P				35	Billet List	992-A-508	1-Set		✓					
71-46	P				36	Mounting Pressures	992-A-394	1-Set	Alco 992-S-956930	For Axles, Crank Pins Bushings, etc.					
71-39	P				37	Welding Symbols & Classification	992-A-510	1-Set	Alco 02P4300-A	Alco Std. For all welding - Lima to Use					
71-4	P				38	Mat'l. Spec. & Inspection-Forgings	993-A-167	1-Set	Alco 993-S-601600						
71-5	P				39	" " " " - Cstgs.	993-A-168	1-Set	Alco 993-S-601610						
71-6	P				40	Misc. Inspection - Shop	992-A-521	1-Set	Alco 992-S-920050	(Do Not Schedule Indexed for Record Only)					
					41	Speed Recorder									
71-12	P				42	Painting Specification - 1st. Part	992-A-512	1-Set	Alco 992-S-968430						
71-13	P				43	" " - 2nd. Part	992-A-511	1-Set	Alco 992-S-968442						
71-14	P				44	Lettering & Numbering Spec.	992-A-513	1-Set	Alco 992-S-974140						
	P				45	Stamping of Forgings	994-A-25	1-Set	Alco 994-S-53190						
71-38	P				46	Method of Locating Water Level	992-A-396	1-Set	Alco 992-S-960590	Optional Do Not Schedule					
					47										
71-32	P				48	Eng. Trk. Sling Arrgt.	992-A-514	1-Set	Alco 992-S-974260	For shipment Of Loco.					
71-33	P				49	" " " Rod	992-B-514	2	Alco 992-S-974261	1020 Bar	✓	(Nuts Ord. In P.D. Apply On Rod)			
71-34	P				50	" " " " Washer	992-C-514	2	Alco 992-S-974262	1020 Bar	✓				
					51										
					52										
					53	Low Water Alarm									
71-56	P	1st. And 11th. Locos. Only			54	Pyrometer Conduit Arrgt.	997-A-26	1-Set	Alco 997-S-974250	- Rev "Z" For Future #					
58-30	P	1st. And 11th Locos. Only			55	Pyrometer Arrgt.		1-Set	Sup'ht. Co. Dwg. 4L-3549-A	Ord. In P.D.		(Model 496 47'-0" of Cable)			
58-31	P	1st. And 11th Locos. Only			56	Pyrometer Scale		1	Sup'ht. Co. Dwg. 2L-30484	Ord. In P.D.					
71-40	P				57	Pressure Testing Loco Parts	992-A-507	1-Set	Alco 992-S-973730						
					58										
					59										
71-41	P				60	Valve Motion Diagram	993-A-166	1-Set	Alco 993-S-34440						
71-3	P				61	Water Level Diagram	996-A-5	1-Set	Alco 996-S-974240						
	P				62	Stamping Of Parts	993-A-169	1-Set		For Lima Use In Stamping Lima Made Parts					

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE		No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P.D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
						1										
						2										
						3										
						4										
						5										
						6										
47-29	P					7	Screw Reverse Arr'g't.	687-A-8	1-Set	Alco 687-S-55000	Furn. & Apply C.R.S. Dowel In Bk. Brg & Guide					
47-30	P					8	" " Screw Support	683-B-116	1	Alco 683-S-55011	Angle & Bars Furn. Complete	✓				
47-31	P					9	" " X-Hd. Guide-Bottom	683-A-116	1	Alco 683-S-55010	Tee-Iron	✓				
	P					10	" " Screw Thrust Brgs.		2	M.R.C. # 31-C or Equiv. Single Acting Ball	Ord. In P.D.					
47-24	P					11	Screw Reverse Screw	683-C-115	1	Alco 683-S-54972	SAE-1045 Bar	✓				
47-25	P					12	" " " Nut	683-A-115	1	Alco 683-S-54970	~~Ord. In P.D.~~ $2\frac{3}{4}$"-10 Thds: Whitworth (Furn. Taper Pin) Steel-Plain - Make From Blank Stock Nuts					
47-26	P					13	" " " Nut	683-B-115	1	Alco 683-S-54971	Ord. In P.D. Furn. Taper Pin					
47-27	P					14	" " " Washer	683-~~C~~D-115	1	Alco 683-S-54973	Steel Bar	✓				
47-28	P					15	" " " X-Hd. Liner	682-C-338	1	Alco 682-S-54382						AAR Hard Br. L-68-S-1859
54-38	P					16	" " " Catch Spg.	762-C-359	1	Alco 762-S-92396	Steel-Coil Ord. In P.D.					
47-38	P					17	" " " Handle Wheel	682-A-363	1	Alco 682-S-5953				L-68-S-665		
47-39	P					18	" " " " " Handle	682-A-363	1	Alco 682-S-5953	1020 Bar	✓				
47-40	P					19	" " " " " " Bolt	682-A-363	1	Alco 682-S-5953	1020 Bar	✓				
47-42	P					20	" " " Latch Handle	682-A-337	1	Alco 682-S-54440				L-68-S-1817		AAR. Phos. Bronze L-68-S-1860
47-33	P					21	" " " Bk. Brg. Bushing	682-A-364	1	Alco 682-S-33840						AAR Phos. Bronze L-58-S-1926
47-35	P					22	" " " Ft. Brg. Bushing	682-B-364	1	Alco 682-S-33841						
47-32	P					23	" " " Bk. Bearing	682-A-368	1	Alco 682-S-54980	1020 Bar	✓				
47-34	P					24	" " " Ft. Bearing	682-B-368	1	Alco 682-S-54981	1020 Bar	✓				
47-36	P					25	" " " X-Head	682-A-369	1	Alco 682-S-54990	Med. Car. Steel (Nut Ord. In P.D.)	✓	682-A-369			
47-36	P					26	" " " " " Washer	682-A-369	1	Alco 682-S-54990	1020 Bar	✓				
47-37	P					27	" " " " " Liner	682-B-344	8	Alco 682-S-54501	~~#26~~ U.S.S.G. Pl. #28 This Order Only	✓				
47-41	P					28	" " " Catch	682-A-346	1	Alco 682-S-54520	Plate-Casehardened	✓				
47-43	P					29	" " " Latch	682-A-345	1	Alco 682-S-54510	1020 Bar Casehardened	✓				
47-44	P					30	" " " " Pin	682-C-307	1	Alco 682-S-33796	1020 Bar Casehardened	✓				
47-45	P					31	" " " Indicator	682-A-366	1	Alco 682-S-55020	Brass Plate	✓				
47-46	P					32	" " " X-Hd. Stops	682-B-366	2	Alco 682-S-55021	C.R.S. Bar	✓				
						33										
						34										
						35										
47-48	P					36	Reverse Screw Support-Ft.	682-A-367	1	Alco 682-S-55030	Plate	✓	682-A-367			
47-49	P					37	" " " - Bk.	682-B-367	1	Alco 682-S-55031	1020 Bar	✓	682-B-367			
47-23	P					38	" " " Filler Block	682-A-365	2	Alco 682-S-54551	1020 Bar	✓				
47-12	P					39	" " " Bk. Pl. Develop.	682-D-367	1	Alco 682-S-55033	Plate					
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71-8	P					52	Shop Spec. - Piping General	992-A-519	1-Set	Alco 992-S-974280						
71-9	P					53	" " - Brake Piping	992-A-520	1-Set	Alco 992-S-974290						
71-7	P					54	" " - Erect., Lagging & Jacket	992-A-518	1-Set	Alco 992-S-974270						
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L.S. Chassis Lub Arrgt. Details

		APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. D.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
42-13	B					1	Mech. Lub.-Pipe Clamp	632-A-2448	1-Set	Alco 632-S-215930	1020 Bar Furn. Complete	✓			(Located At L.S. Lub. Welded On
42-14	B					2	" " - Pipe Clamp	632-B-2448	1	Alco 632-S-215931	1020 Bar Furn. Complete	✓		Do Not Ord for future.	
42-15	B					3	" " - Pipe Clamp	632-A-2441	2	Alco 632-S-206491	1020 Bar Furn. Complete	✓			
42-16	B					4	" " - Pipe Clamp	632-B-2441	2	Alco 632-S-206492	1020 Bar Furn. Complete	✓			
42-17	B	✓				5	" " - Pipe Clamp	632-C-2441	9	Alco 632-S-206497	1020 Bar Furn. Complete	✓		Ord. 8 for future.	
42-21	B					6	" " - Pipe Clamp	632-D-2441	6	Alco 632-S-206498	1020 Bar Furn. Complete	✓			
42-22	B					7	" " - Pipe Clamp	632-H-2436	4	Alco 632-S-215946	1020 Bar Furn. Complete	✓		Ord. 3 for future.	
42-23	B					8	" " - Pipe Clamp	632-J-2436	1	Alco 632-S-215947	1020 Bar Furn. Complete	✓			
40-26	B					9	" " - Oil Hose Fitting	632-A-2432	10	Alco 632-S-106860	1020 Bar	✓			
40-27	B					10	" " - Oil Hose Fitting	632-B-2432	1	Alco 632-S-106861	1020 Bar	✓			
40-28	B					11	" " - Oil Hose Fitting	632-C-2432	1	Alco 632-S-106862	1020 Bar	✓			
40-29	B					12	" " - Oil Hose Fitting	632-D-2432	2	Alco 632-S-106863	1020 Bar	✓			
40-31	B					13	" " - Oil Hose Fitting	632-C-2433	2	Alco 632-S-106922	1020 Bar	✓			
40-32	B					14	" " - Oil Hose Fitting	632-D-2433	2	Alco 632-S-106923	1020 Bar	✓			
40-30	B					15	" " - Term. Check Fitting	632-A-2433	6	Alco 632-S-106920	1020 Bar	✓			
40-33	B					16	" " - Term. Check Fitting	632-E-2433	4	Alco 632-S-106924	1020 Bar	✓			
40-41	B					17	" " - Oil Hose Adapter Fitting	632-A-2440	52	Alco 632-S-106823	Stick Brass	✓			
40-35	B	✓				18	" " - Oil Pipe Fitting	632-B-2412	62 54	Alco 632-S-18650	Stick Brass	✓		(Order 54 for future)	
40-36 39	B					19	" " - Oil Pipe Coup. Nut	632-A-2405	57	Alco 632-S-18675	Stick Brass	✓			
40-37 40	B					20	" " - Oil Pipe Coup. Nut Sleeve	632-A-2405	57	Alco 632-S-18675	Brazing Metal	✓			
40-38	B					21	" " - Oil Pipe Union Fitting	632-D-2405	3	Alco 632-S-18672	Brazing Metal	✓			
42-24	B					22	" " - Oil Pipe Angle Support	632-A-2436	1	Alco 632-S-215940	Flame Cut Plate	✓			
42-25	B					23	" " - Oil Pipe Angle Support	632-B-2436	2	Alco 632-S-215941	1020 Bar	✓	632-B-2436		
42-26	B					24	" " - Oil Pipe Angle Support	632-C-2436	2	Alco 632-S-215942	1020 Bar	✓			
42-27	B					25	" " - Oil Pipe Angle Support	632-D-2436	1	Alco 632-S-215943	1020 Bar	✓			
42-28	B					26	" " - Oil Pipe Angle Support	632-E-2436	1	Alco 632-S-215944	1020 Bar	✓			
42-29	B					27	" " - Oil Pipe Angle Support	632-F-2436	2	Alco 632-S-215945	1020 Bar	✓			
44-4	B					28	" " - Oil Pipe Angle	632-A-2438	1	Alco 632-S-215960	Steel Angle	✓			
44-5	B					29	" " - Oil Pipe Angle Support	632-B-2438	2	Alco 632-S-215961	1020 Bar	✓	632-B-2438		
44-6	B					30	" " - Oil Pipe Angle Support	632-C-2438	1	Alco 632-S-215962	1020 Bar	✓			
44-7	B					31	" " - Oil Pipe Angle Support	632-D-2438	1	Alco 632-S-215963	1020 Bar	✓	632-D-2438		
44-12	B					32	" " - Oil Hose Fitting Support	632-A-2439	1	Alco 632-S-216210	1020 Bar	✓			
44-15	B					33	" " - Oil Hose Fitting Support	632-D-2439	1	Alco 632-S-216213	1020 Bar	✓			
44-17	B					34	" " - Oil Hose Fitting Support	632-F-2439	1	Alco 632-S-216215	1020 Bar	✓			
44-18	B					35	" " - Oil Hose Fitting Support	632-H-2439	1	Alco 632-S-216216	1020 Bar	✓			
44-13	B					36	" " - Oil Divider Support	632-B-2439	2	Alco 632-S-216211	1020 Bar	✓	632-B-2439		
44-14	B					37	" " - Oil Divider Support	632-C-2439	2	Alco 632-S-216212	1020 Bar	✓			
44-16	B					38	" " - Oil Divider Support	632-E-2439	2	Alco 632-S-216214	1020 Bar	✓	632-E-2439		
42-30	B					39	" " - Oil Hose Fitting & Divider Support	632-A-2437	1	Alco 632-S-215950	Steel Angle	✓			
42-31	B					40	" " - Oil Divider Support	632-B-2437	2	Alco 632-S-215951	1020 Bar	✓			
42-32	B					41	" " - Oil Fitting Support	632-C-2437	2	Alco 632-S-215952	1020 Bar	✓			
42-33	B					42	" " - Oil Fitting Angle Support	632-A-2435	2	Alco 632-S-215920	1020 Bar	✓	632-A-2435		
42-34	B					43	" " - Oil Divider Support	632-B-2435	1	Alco 632-S-215921	1020 Bar	✓			
42-35	B					44	" " - Oil Fitting Support Angle	632-C-2435	1	Alco 632-S-215922	Steel Angle	✓			
42-36	B					45	" " - Oil Hose Fitting Support	632-D-2435	2	Alco 632-S-215923	1020 Bar	✓			
44-8	B					46	" " - Oil Fitting Support Angle	632-A-2434	1	Alco 632-S-215900	Steel Angle	✓			
44-9	B					47	" " - Oil Fittings Support Bars	632-A-2434	2	Alco 632-S-215900	1020 Bar	✓			
44-10	B					48	" " - Oil Fitting Support Angle	632-B-2434	1	Alco 632-S-215901	Steel Angle	✓			
44-11	B					49	" " - Oil Fitting Support Bars	632-B-2434	2	Alco 632-S-215901	1020 Bar	✓			
	P					50	" " - Oil Pipe Union Fitting	632-D-2405	40	Alco 632-S-18672	Brazing Metal	✓		(Extra to be applied at discretion of Pipe Shop.)	
	P					51	" " - Oil Pipe Coupling Nut	632-A-2405	40	Alco 632-S-18675	Stick Brass	✓		(" " " " " " " " ")	
	P					52	" " - Oil Pipe Coup. Nut Sleeve	632-A-2405	40	Alco 632-S-18675	Brazing Metal	✓		(" " " " " " " " ")	
	B					53	Oil Distributor Shield	592-A-1162	1	← For Future Use	Plate	✓	Lima 592-A-1169 Alco 602-S-15200	Weld to Ash Pan Hopper Door Frame	
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	APPROVAL		HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING		MAT'L ORD. IN P. D.	FORGINGS	CASTINGS—PATTERN NUMBERS		
	SENT	APPR.						CARD No.	CONSTRUCTION NOTES		SKETCH No.	CAST IRON	CAST STEEL	BRASS
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		APPROVAL		HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING		MAT'L ORD. IN P. O.	FORGINGS	CASTINGS—PATTERN NUMBERS		
		SENT	APPR.						CARD No.	CONSTRUCTION NOTES		SKETCH No.	CAST IRON	CAST STEEL	BRASS
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	APPROVAL SENT	APPROVAL APPR.	HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING CARD No.	DRAWING CONSTRUCTION NOTES	MAT'L ORD. IN P. O.	FORGINGS SKETCH No.	CASTINGS—PATTERN NUMBERS CAST IRON	CAST STEEL	BRASS
						— Dwg. List For Power Reverse Application —								
					1	Cab Cover Plate For R.Rod	232-A-1269	1	Alco 232-S-907550					
					2	" " " Location	232-B-1258	1-Set	Alco 232-S-911931					
					3	Valve Extension-St. chest	262-A-538	2	Alco 262-S-43600					
					4	Pipe clamp Brkt.	632-A-2522	1	Alco 632-S-216290					
					5	" " "	632-B-2522	1	Alco 632-S-216291					
					6	" " " U-Bolt	632-C-2522	2	Alco 632-S-216292					
					7	Reverse Gear Piping	642-A-382	1-Set	Alco 642-S-134340					
					8	Reverse Lever Support	682-A-372	1	Alco 682-S-48015					
					9	Reverse Cyl. Support	682-A-373	1	Alco 682-S-904150					
					10	Rev. Lev. Cutoff Ind. Arrgt.	683-B-114	1-Set	Alco 683-S-98492					
					11	Rev. Gear Arrgt.	683-A-119	1-Set	Alco 683-S-54810					
					12	Rererse Lever	683-A-120	1-Set	Alco 683-S-13970					
					13	Rev. Lev. Conn. Rod Guide	692-A-615	1	Alco 682-S-904200					
					14	" " " " -	692-A-617	1	Alco 682-S-96106					
					15	Reach Rod	692-A-616	1	Alco 692-S-47990					
					16	Rev. Lev. Conn. Rod Guide Blocks	682-C-365	2	Alco 682-S-54553					
					17	Reach Rod Bushing	692-A-618	1	Alco 692-S-90064					AAR. Phos. Br. L-94-S-1499
					18									
					19	Cylinder	318-D-6	1	Alco 3113-S-200303					
					20	Running Boards	716-B-88	1-Set	Alco 716-S-103081					
					21	Erect. Elevation	420-A-148	1-Set	Alco 420-S-9190					
					22	Erect. Sections	430-A-135	1-Set	Alco 420-S-9200					
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INDEXED FOR RECORD ONLY
Power Rev. Not Applied To C.O. 1200

	APPROVAL		HOLD AND REL'SE	CHECK	ITEM	TITLE	No. PCS.	DRAWING		MAT'L ORD. IN P. D.	FORGINGS	CASTINGS—PATTERN NUMBERS		
	SENT	APPR.						CARD No.	CONSTRUCTION NOTES		SKETCH No.	CAST IRON	CAST STEEL	BRASS
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COPIED BY J.W. LEMKUHL TO SCHEDULE DEPT. 4/7/47

READ BY JULIA SCHIRMER. 4-8-47

CHECKED BY J.W. LEMKUHL, 4-8-47 RELEASED TO SCHEDULE DEPT. APR-8-1947.